

Parts & Disassembly

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RGB Sync 2 Input Module (02-260015-03P / 38-800913-91) - continued ...

ID	Description	Electrohome #
R149	Resistor 1K2 .5W 5% MET FILM	80-112015-11P
R150	Resistor 1K2 .5W 5% MET FILM	80-112015-11P
R151	Resistor 4K7 .5W 5% MET FILM	80-147015-11P
R152	Resistor 1K .5W 5% MET FILM	80-110015-11P
R153	Resistor 1K .5W 5% MET FILM	80-110015-11P
R154	Resistor 4K7 .5W 5% MET FILM	80-147015-11P
R155	Resistor 15K .5W 5% MET FILM	80-115025-11P
RL1	Relay DPDT MT2 DIP 12V C93402	25-000106-01P
RL2	Relay DPDT MT2 DIP 12V C93402	25-000106-01P
RL3	Relay DPDT MT2 DIP 12V C93402	25-000106-01P
RL4	Relay DPDT MT2 DIP 12V C93402	25-000106-01P

RS-232 ►
Communications
Module

RS-232 Communications Module (02-270115-02P / 03-270115-01P)

ID	Description	Electrohome #
	Bracket - Mounting	39-001496-03P
	Panel - front	53-100974-34P
	Screw - #4-40x1/4 MC PH ZINC (for D connectors)	31-700418-04P
	Screw - #4x5/16 TF PH HD BLK OX (for bracket)	31-270414-05P
	Switch - Pushwheel (sub-miniature)	26-000349-01P
C1	Capacitor ELR-MIN 10U 50V 20%	85-010608-01P
C2	Capacitor MLA-NPO 2N2 50V 5%	85-192908-02P
C3	Capacitor ELR-MIN 4U7 50V 20%	85-010508-01P
C4,5	Capacitor CRR-NPO 22P 100V 2%	85-111410-01P
C6	Capacitor ELR-MIN 4U7 50V 20%	85-010508-01P
C7	Capacitor ELR-MIN 4U7 50V 20%	85-010508-01P
C8	Capacitor ELR-MIN 4U7 50V 20%	85-010508-01P
C9	Capacitor ELR-MIN 4U7 50V 20%	85-010508-01P
C10	Capacitor TTR-MIN 10U 16V 10%	85-061303-04P
C11	Capacitor TTR-MIN 47U 16V 10%	85-061703-08P
C12	Capacitor MLR-Z5U 100N 50V 20%	85-170308-01P
C13	Capacitor MLR-Z5U 100N 50V 20%	85-170308-01P
D1	Diode BAT 81 SCHOTTKY BARRIER	14-000533-01P
D2	Diode Zener 1N5231C 5.1V 2%	14-000515-98P
J1	Jack (REMOTE)	34-001104-01P
J2	Connector D RT ANG 9 Pin FEM	34-001205-09P
P1	Header RT ANGLE	34-000812-04P
P2	Connector D MALE PCB MTN RT AN	34-001191-01P
P3	Header DUAL ROW	34-001258-18P
Q1	Transistor 2N3904 40V .2A 35W NPN	14-000881-06P
R1	Resistor 10R .5W 5% MET FILM	80-110095-11P
R2	Resistor 100R .5W 5% MET FILM	80-110005-11P
R3	Resistor 22K1 1/3W 1% MET FILM	82-322121-29P
R4	Resistor 100R .5W 5% MET FILM	80-110005-11P
R5	Resistor 4K7 .5W 5% MET FILM	80-147015-11P
R6	Resistor 4K7 .5W 5% MET FILM	80-147015-11P

5.1 Ordering Parts

When ordering replacement parts, quote the part numbers of the items required. Also provide the projector model number, serial number, and date of manufacture which is available from the licence label located at the front of the projector.

Parts may be ordered from any one of the following locations:

Electrohome Limited
809 Wellington Street North
Kitchener, Ontario
Canada N2G 4J6
Telephone (519) 744-7111
U.S. customers call toll-free
1-800-265-2171
Fax: (519) 749-3136

Electrohome USA (1989), Inc.
9216 Bally Court
Rancho Cucamonga
California 91730-5835
Telephone: (909) 466-3816
Fax: (909) 466-3824

181 Cooper Ave.,
Suite 100,
Tonawanda, N.Y. 14150
Telephone: (716) 874-3630
Fax: (716) 874-4309

Electrohome Europe Ltd.
ImagePoint
58 Suttons Park Avenue
Reading, Berkshire
UK RG6 1AZ
Tel.: (0) 1734 266300
Fax: (0) 1734 266322

Electrohome Asia
80 Marine Parade Rd.
#21-06 Parkway Parade
Singapore 1544
Telephone (65) 346 5515
Fax: (65) 346 5304

5.2 Part Listings

The following service replacement parts are available:

Note: For some parts, the service replacement part number is different than the original factory part number. In many cases, both the factory part number and the service part number are listed. For example, the factory part number for the Power Entry Module is 02-260102-02P; the service part is 03-260102-02P. This list is current as of September, 1995.

Primary Assembly Parts

Primary Assembly Parts

Part	Electrohome #
ACON Locator Assembly (option)	03-230211-01P
ACON Control Module (option)	03-270006-02P
ACON Sensor PCB (included on Locator Assembly above)	03-270016-04P
Bias/Focus Module	03-270008-04P
Convergence Module	03-270007-03P
CRT - Red	03-007060-11P
CRT - Green	03-007060-13P
CRT - Blue	03-007060-12P
Convergence/DC Centering Coils (only)	21-000163-07P
Deflection Yoke (only)	21-000161-02P
<i>(Note: In early 96 the above two components may be provided as one complete assembly - part number 21-000160-07P. Contact Electrohome for more information when ordering replacements.)</i>	
Fan Assembly (includes PCB Assembly)	03-201044-02P
Fan (only - less PCB Assembly)	25-000111-02P
▲ High Voltage Splitter Assembly (40KV)	34-001278-01P
Horizontal Deflection Module	03-270005-04P
▲ HVPS - (High Voltage Power Supply)	03-000226-01P
IR Sensor Assembly	03-800944-01P
Keypad - Remote	38-800939-93
Keypad - Built-in	03-800940-93P
Keypad - Wired Remote (option)	38-800941-93

RGB Sync 2 Input Module (02-260015-03P / 38-800913-91) - continued ...

ID	Description	Electrohome #
R97	Resistor 10K .5W 5% MET FILM	80-110025-11P
R98	Resistor 3K9 .5W 5% MET FILM	80-139015-11P
R99	Resistor 3K9 .5W 5% MET FILM	80-139015-11P
R100	Resistor 82K .5W 5% MET FILM	80-182025-11P
R101	Resistor 56K .5W 5% MET FILM	80-156025-11P
R102	Resistor 2K2 .5W 5% MET FILM	80-122015-11P
R103	Resistor 2K2 .5W 5% MET FILM	80-122015-11P
R104	Resistor 2K2 .5W 5% MET FILM	80-122015-11P
R105	Resistor 1M .5W 5% MET FILM	80-110045-11P
R106	Resistor 5K6 .5W 5% MET FILM	80-156015-11P
R107	Resistor 5K6 .5W 5% MET FILM	80-156015-11P
R108	Resistor 10R .5W 5% MET FILM	80-110095-11P
R109	Resistor 36K .5W 5% MET FILM	80-136025-11P
R110	Resistor 2M2 .5W 5% MET FILM	80-122045-11P
R111	Resistor 1K2 .5W 5% MET FILM	80-112015-11P
R112	Resistor 47R .5W 5% MET FILM	80-147095-11P
R113	Resistor 27R .5W 5% MET FILM	80-127095-11P
R114	Resistor 2K7 .5W 5% MET FILM	80-127015-11P
R115	Carbon Trim Pot 100R	41-000344-04P
R116	Carbon Trim Pot 100R	41-000344-04P
R117	Carbon Trim Pot 100R	41-000344-04P
R118	Resistor 1K .5W 5% MET FILM	80-110015-11P
R119	Resistor 5K1 .5W 5% MET FILM	80-151015-11P
R120	Resistor 1K .5W 5% MET FILM	80-110015-11P
R121	Resistor 43K MET FILM	80-143025-11P
R122	Resistor 10K .5W 5% MET FILM	80-110025-11P
R123	Resistor 2K2 .5W 5% MET FILM	80-122015-11P
▲ R129	Resistor 10R .5W 5% MET FILM	80-110095-11P
R130	Resistor 75R 1/3W 1%	82-375091-29P
R131	Resistor 75R 1/3W 1%	82-375091-29P
R132	Resistor 75R 1/3W 1%	82-375091-29P
R133	Resistor 75R 1/3W 1%	82-375091-29P
R134	Resistor 75R 1/3W 1%	82-375091-29P
R135	Resistor 75R 1/3W 1%	82-375091-29P
R136	Resistor 75R 1/3W 1%	82-375091-29P
R137	Resistor 75R 1/3W 1%	82-375091-29P
R138	Carbon Trim Pot 25K	41-000344-12P
R139	Trimpot 20 TURN 200K	41-000345-11P
R140	Resistor 10R .5W 5% MET FILM	80-110095-11P
R141	Resistor 10R .5W 5% MET FILM	80-110095-11P
R142	Resistor 10R .5W 5% MET FILM	80-110095-11P
R143	Resistor 10K .5W 5% MET FILM	80-110025-11P
R144	Resistor 10K .5W 5% MET FILM	80-110025-11P
R145	Resistor 220K .5W 5% MET FILM	80-122035-11P
R146	Resistor 1K2 .5W 5% MET FILM	80-112015-11P
R147	Resistor 220R .5W 5% MET FILM	80-122005-11P
R148	Resistor 220R .5W 5% MET FILM	80-122005-11P

Primary Assembly Parts - continued ...

	Part	Electrohome #
	Keystone Module	03-270013-01P
	Lens Assembly (HD6)	03-000215-01P
▲	LVPS (Low Voltage Power Supply)	03-000225-01P
	Manual - Users	54-007012-03P
	Motherboard PCB Assembly	03-MOTHER-41P
▲	Noise Filter - 6 Amp	37-000041-06P
	P43 Fast Phosphor Tube (option)	17-007060-10P
	Power Deflection Module	03-270003-06P
<i>(Note: 03-270003-02P was used on projectors built prior to November/95. The MOSFET PCB on this module is different and is not interchangeable with the newer version PDM. All three PDMs must have the same style MOSFET PCB. Please check part number of module on edge connector.)</i>		
▲	Power Entry Module	03-260102-02P
	Remote Control Module (V3.4 software)	03-270010-35P
	RGB Sync 10 Pin Direct Input Module (option)	38-800927-91
	RGB Sync 2 Input Module	38-800913-91
	RS-232 Communications Module	03-270115-01P
	Standby Power Transformer	24-010251-05P
	Vertical Deflection Module	03-270009-01P
	Video Output Module (neck board - 3 used)	03-270012-H1P
	Video Control Module (V3.xx software)	03-270011-03P
	Waveform Module (c/w pincushion board)	03-270001-03P

Tools ► Tools

	Tool	Electrohome #
	Allen Wrench - 3/16"	33-000723-04P
	Ball Nose Driver - 3/16"	33-000812-02P
	Card Extractor	35-005015-01P
	Extender Card	03-230330-01P
	Insulated (hex) Adjusting Tool	39-001453-01P
	Lens Cleaning Cloth	39-001539-01P
	Tool Pouch	39-001524-01P
	Wrench - 7/16"	33-000919-01P

Harnesses ► Harnesses

	Harness	Electrohome #
	Bias to Mother Board Harness	34-001227-01P
	Bias Ground Harness	34-001243-01P
	Blue Video Power Harness	34-001225-01P
	Blue G2 Harness	34-001235-01P
	Chassis Ground Harness	34-001236-01P
	Extended Keystone/+5V/Fan Harness	34-001244-02P
	Fixed Keypad Harness	34-001320-01P
	Green Video Power Harness	34-001226-01P
	Green G2 Harness	34-001234-01P
	HV to Bias/Focus Module Harness	34-001231-02P
	LVPS to Mother	34-001264-01P

RGB Sync 2 Input Module (02-260015-03P / 38-800913-91) - continued ...

ID	Description	Electrohome #
R52	Resistor 8K2 .5W 5% MET FILM	80-182015-11P
▲ R53	Resistor 4R7 .5W CRT SAFE	42-000063-57P
▲ R54	Resistor 4R7 .5W CRT SAFE	42-000063-57P
▲ R55	Resistor 4R7 .5W CRT SAFE	42-000063-57P
R56	Resistor 220R .5W 5% MET FILM	80-122005-11P
R57	Resistor 220R .5W 5% MET FILM	80-122005-11P
R58	Resistor 220R .5W 5% MET FILM	80-122005-11P
R59	Resistor 220R .5W 5% MET FILM	80-122005-11P
R60	Resistor 220R .5W 5% MET FILM	80-122005-11P
R61	Resistor 220R .5W 5% MET FILM	80-122005-11P
R62	Resistor 330R .5W 5% MET FILM	80-133005-11P
R63	Resistor 330R .5W 5% MET FILM	80-133005-11P
R64	Resistor 330R .5W 5% MET FILM	80-133005-11P
R65	Resistor 15K .5W 5% MET FILM	80-115025-11P
R66	Resistor 4K7 .5W 5% MET FILM	80-147015-11P
R67	Resistor 4K7 .5W 5% MET FILM	80-147015-11P
R68	Resistor 2K2 .5W 5% MET FILM	80-122015-11P
R69	Resistor 4K7 .5W 5% MET FILM	80-147015-11P
R70	Resistor 2K2 .5W 5% MET FILM	80-122015-11P
R71	Resistor 4K7 .5W 5% MET FILM	80-147015-11P
R72	Resistor 4K7 .5W 5% MET FILM	80-147015-11P
R73	Resistor 1K8 .5W 5% MET FILM	80-118015-11P
R74	Resistor 1K8 .5W 5% MET FILM	80-118015-11P
R75	Resistor 1K8 .5W 5% MET FILM	80-118015-11P
R76	Resistor 4R7 .5W 5% MET FILM	80-147085-11P
R77	Resistor 4R7 .5W 5% MET FILM	80-147085-11P
R78	Resistor 4R7 .5W 5% MET FILM	80-147085-11P
R79	Resistor 4R7 .5W 5% MET FILM	80-147085-11P
R80	Resistor 4R7 .5W 5% MET FILM	80-147085-11P
R81	Resistor 4R7 .5W 5% MET FILM	80-147085-11P
R82	Resistor 4R7 .5W 5% MET FILM	80-147085-11P
R83	Resistor 56R .5W 5% MET FILM	80-156095-11P
R84	Resistor 56R .5W 5% MET FILM	80-156095-11P
R85	Resistor 56R .5W 5% MET FILM	80-156095-11P
R86	Resistor 56R .5W 5% MET FILM	80-156095-11P
R87	Resistor 1K .5W 5% MET FILM	80-110015-11P
R88	Resistor 1K .5W 5% MET FILM	80-110015-11P
R89	Resistor 1K .5W 5% MET FILM	80-110015-11P
R90	Resistor 1K2 .5W 5% MET FILM	80-112015-11P
R91	Resistor 1K .5W 5% MET FILM	80-110015-11P
R92	Resistor 330R .5W 5% MET FILM	80-133005-11P
R93	Resistor 1K .5W 5% MET FILM	80-110015-11P
R94	Resistor 20K .5W 5% MET FILM	80-120025-11P
R95	Resistor 10K .5W 5% MET FILM	80-110025-11P
R96	Resistor 20K .5W 5% MET FILM	80-120025-11P

Harnesses - continued ...

Harness	Electrohome #
Line Filter Harness	34-001232-01P
Mother Board to Acon Locator	34-001260-03P
PEM to LVPS (SMPS) Harness	34-001238-01P
Red G2 Harness	34-001233-01P
Red Video Power Harness	34-001224-01P
Remote Jack Harness	34-001239-01P
Video Input Module Harness	34-001304-01P

Hardware ➤
Parts
Hardware Parts

Part	Electrohome #
Battery - 1.5V AA (keypad)	37-000012-04P
Bolt - 1/4-20 x 7 1/2 Hex Hd (upper to lower CRT B.H. plate) ...	33-000910-02P
Bracket - Bias Board Mounting	35-005190-01P
Bracket - Bias Support	35-004979-01P
Bracket - Keypad Mtg top	35-005191-01P
Bracket - Keypad Support LH	35-005189-01P
Bracket - Keypad Support RH	35-005189-02P
Bracket - Keypad Mtg Btm	35-005192-01P
Bracket - Lens Support/IR Sensor	35-005068-01P
Bracket - LH Upper Cover Secure (on upper bulkhead plate)	35-005088-01P
Bracket - RH Upper Cover Secure (on upper bulkhead plate)	35-005088-02P
Bracket - Mtg (remote jack to panel)	39-001496-03P
Bracket - Mtg Transformer	35-005075-01P
Bracket - Splitter Mount	35-005049-01P
Bulkhead Plate	33-000910-02P
Card Guide (18)	33-000873-08P
Clamp - Yoke	33-000901-02P
Clip - Wire (for ACON harness)	33-000809-01P
Clip - Wire 5/8 Wide (on each side panel)	33-000809-02P
Clip (cover hold down)	33-000953-01P
Clip - Wire (HV module to hold wire harness)	33-000809-01P
Clip - Wire (video cables on Mother PCB)	33-000809-01P
Closure - Round Vinyl (over green CRT allen bolts)	33-000922-02P
Closure - Round Vinyl (4 used)	33-000922-01P
Ferrite Bead & Cover (on linecord)	34-001180-03P
Ferrite Bead & Cover (input & output of filt)	34-001180-02P
Foot - Threaded 2 1/4 Long (front of wire frame)	33-000928-02P
Foot - threaded (rear of wire frame)	33-000916-03P
Grommet - .88 x .062 x 1.25 (IR sensor mount)	32-000044-21P
Grommet - Rubber .375 x .063x500 (proj head supports)	32-000044-04P
Guard - Fan	33-000952-01P
Hinge - Case Cover (upper & lower case with supplied nuts)	53-001987-01P
Housing - Min Crimp Term (to IR sensor harness)	34-000696-04P
Insulator - Power Output (under power defl. PCBs)	39-001538-01P
Key - Polarizing DIN	34-001065-01P
Label - Identification (cover - ECP 4500)	54-018131-03P
Label - Identification (cover - ECP 4501)	54-018131-05P

RGB Sync 2 Input Module (02-260015-03P / 38-800913-91) - continued ...

ID	Description	Electrohome #
R4	Resistor 270R .5W 5% MET FILM	80-127005-11P
R5	Resistor 270R .5W 5% MET FILM	80-127005-11P
R6	Resistor 270R .5W 5% MET FILM	80-127005-11P
R7	Resistor 10K .5W 5% MET FILM	80-110025-11P
R8	Resistor 10K .5W 5% MET FILM	80-110025-11P
R9	Resistor 10K .5W 5% MET FILM	80-110025-11P
R10	Resistor 10K .5W 5% MET FILM	80-110025-11P
R11	Resistor 10K .5W 5% MET FILM	80-110025-11P
R12	Resistor 10K .5W 5% MET FILM	80-110025-11P
R13	Resistor 10K .5W 5% MET FILM	80-110025-11P
R14	Resistor 470R .5W 5% MET FILM	80-147005-11P
R15	Resistor 470R .5W 5% MET FILM	80-147005-11P
R16	Resistor 220R .5W 5% MET FILM	80-122005-11P
R17	Resistor 470R .5W 5% MET FILM	80-147005-11P
R18	Resistor 470R .5W 5% MET FILM	80-147005-11P
R19	Resistor 470R .5W 5% MET FILM	80-147005-11P
R20	Resistor 470R .5W 5% MET FILM	80-147005-11P
R21	Resistor 470R .5W 5% MET FILM	80-147005-11P
R22	Resistor 220R .5W 5% MET FILM	80-122005-11P
R23	Resistor 470R .5W 5% MET FILM	80-147005-11P
R24	Resistor 470R .5W 5% MET FILM	80-147005-11P
R25	Resistor 470R .5W 5% MET FILM	80-147005-11P
R26	Resistor 220R .5W 5% MET FILM	80-122005-11P
R27	Resistor 470R .5W 5% MET FILM	80-147005-11P
R28	Resistor 470R .5W 5% MET FILM	80-147005-11P
R29	Resistor 470R .5W 5% MET FILM	80-147005-11P
R30	Resistor 470R .5W 5% MET FILM	80-147005-11P
R31	Resistor 10K .5W 5% MET FILM	80-110025-11P
R32	Resistor 150R .5W 5% MET FILM	80-115005-11P
R33	Resistor 150R .5W 5% MET FILM	80-115005-11P
R34	Resistor 150R .5W 5% MET FILM	80-115005-11P
R35	Resistor 150R .5W 5% MET FILM	80-115005-11P
R36	Resistor 150R .5W 5% MET FILM	80-115005-11P
R37	Resistor 150R .5W 5% MET FILM	80-115005-11P
R38	Resistor 150R .5W 5% MET FILM	80-115005-11P
R39	Resistor 150R .5W 5% MET FILM	80-115005-11P
R40	Resistor 150R .5W 5% MET FILM	80-115005-11P
R41	Resistor 100R .5W 5% MET FILM	80-110005-11P
R42	Resistor 100R .5W 5% MET FILM	80-110005-11P
R43	Resistor 100R .5W 5% MET FILM	80-110005-11P
R44	Resistor 100R .5W 5% MET FILM	80-110005-11P
R46	Resistor 100R .5W 5% MET FILM	80-110005-11P
R47	Resistor 22K .5W 5% MET FILM	80-122025-11P
R48	Resistor 22K .5W 5% MET FILM	80-122025-11P
R49	Resistor 22K .5W 5% MET FILM	80-122025-11P
R50	Resistor 8K2 .5W 5% MET FILM	80-182015-11P
R51	Resistor 8K2 .5W 5% MET FILM	80-182015-11P

Hardware Parts - continued ...

Part	Electrohome #
Lens Mount - Green Bulkhead	35-004965-01P
Lens Mount - Red and Blue Bulkhead (2)	35-005038-01P
Linecord	34-000604-26P
Lockwasher - #8 .381/.370 (back plane to upper wire frame side) .	33-000025-01P
Lockwasher - #8 .381/.370 (back plane to wire frame bottom)	33-000025-01P
Lower Case Cover Assembly	03-001985-03P
Nut/starwasher - #6-32 Hex (2 per each fan)	33-000440-01P
Nut - 4-40 Hex Keps Nut (PEM to PEM plate)	33-000440-06P
Panel - blank	53-100974-01P
Panel - Side LH With Stud	53-100996-06P
Panel - Bottom	35-005071-02P
Panel - Side RH With Stud	53-100996-05P
Panel - Front	53-100997-06P
Panel - Rear (trim)	53-100972-02P
Plate - Mtg Projection Head Btm	35-004964-04P
Plate - PEM	35-005067-01P
Plate - Mounting Proj Head	35-004964-05P
Retainer - ACON Harness (opening on PEM HV shield)	39-001533-06P
Retainer Cover Hold Down (on screw in covers)	33-000955-01P
Screw - #4x1/4 type "B" hex hd (PEM plate to heat sink)	31-610418-04P
Screw - #8x5/16 Tfb Hwh Zinc (HV splitter)	31-610818-05P
Screw - 1/4-20x5/8" Hex Cap Skt (CRT b.h.to lens mntg plates) .	31-851419-10P
Screw - #8x3/8 Tfb Hwh Zinc (proj head supp. brkt to wire frame)	31-610818-06P
Screw - #8-32x1/2 Mc Hwh Zinc (supp. brkts to up proj head) ...	31-600818-08P
Screw - #8x5/16 TFB HWH Zinc (transformer mtg bracket)	31-610818-05P
Screw - #8-32x3/8 Mc Hwh Zinc (Bias PCB mounting brkt)	31-600818-06P
Screw - #8x5/16 Tfb Hwh Zinc (Bias PCB mounting brkt)	31-610818-05P
Screw - #8-32x1/2 Mc HWH Zinc (lwr proj head plate to wire frm.)	31-600818-08P
Screw - #8x5/16 TFB HWH Zinc (line filter to sub frame)	31-610818-05P
Screw - #8x5/16 TFB HWH Zinc (transformer brkt to sub frame) .	31-610818-05P
Screw - #8x5/16 TFB HWH Zinc (HVPS to sub frame)	31-610818-05P
Screw - #8x5/16 TFB HWH Zinc (base panel to wire frame)	31-610818-05P
Screw - #8x5/16 TFB HWH Zinc (ground wires to wire frame) ...	31-610818-05P
Screw - #8x5/16 TFB HWH Zinc (PEM plate to sub frame)	31-610818-05P
Screw - #10 x 3/8 HWH (fan PCBs)	31-611018-06P
Screw - #4-40x3/8 Mc Ph Zinc (power deflection PCBs)	31-700418-06P
Screw - #8x5/16 TFB HWH Zinc (Keystone module to sub frame)	31-610818-05P
Screw - 4x5/16 Tf Ph Hd Blk Ox (Bias PCB to Bias brd mntg brkt)	31-270414-05P
Screw - #8-32x3/8 Mc HWH Zinc (back plane to wire fr. bottom)	31-600818-06P
Screw - #8x5/16 TFB HWH Zinc (LVPS to sub frame)	31-610818-05P
Screw - Special #8x3/8 Zinc Plte (lower case to wire frame)	33-000865-20P
Screw - TFT Ab Phillips Pan (rear panel)	31-710418-06P
Screw - #8x5/16 Tfb Hwh Zinc (3-front 4-side panels)	31-610818-05P
Screw - #8-32x3/8 Mc HWH Zinc (back plane to up. wire fr. sides)	31-600818-06P
Screw - #4-40x3/8 Mc Ph Zinc (Mother PCB to back plane)	31-700418-06P
Screw - #8x5/16 TFB HWH Zinc (bias brd mtg bracket to keypad)	31-610818-05P
Screw - #8x5/16 TFB HWH Zinc (keypad bracket)	31-610818-05P

RGB Sync 2 Input Module (02-260015-03P / 38-800913-91) - continued ...

ID	Description	Electrohome #
PA1	Connector 64 Pin RA PLUG DIN	34-001057-02P
Q1	Transistor 2N6426 NPN	14-000990-01P
Q2	Transistor 2N3904 40V .2A 35W NPN	14-000881-06P
Q3	Transistor 2N3904 40V .2A 35W NPN	14-000881-06P
Q4	Transistor 2N3904 40V .2A 35W NPN	14-000881-06P
Q5	Transistor 2N3904 40V .2A 35W NPN	14-000881-06P
Q6	Transistor 2N3904 40V .2A 35W NPN	14-000881-06P
Q7	Transistor 2N3904 40V .2A 35W NPN	14-000881-06P
Q8	Transistor 2N3904 40V .2A 35W NPN	14-000881-06P
Q9	Transistor 2N3904 40V .2A 35W NPN	14-000881-06P
Q10	Transistor 2N3904 40V .2A 35W NPN	14-000881-06P
Q11	Transistor 2N3904 40V .2A 35W NPN	14-000881-06P
Q12	Transistor 2N3904 40V .2A 35W NPN	14-000881-06P
Q13	Transistor 2N3904 40V .2A 35W NPN	14-000881-06P
Q14	Transistor 2N3904 40V .2A 35W NPN	14-000881-06P
Q15	Transistor 2N3904 40V .2A 35W NPN	14-000881-06P
Q16	Transistor 2N3904 40V .2A 35W NPN	14-000881-06P
Q17	Transistor 2N3904 40V .2A 35W NPN	14-000881-06P
Q18	Transistor 2N3904 40V .2A 35W NPN	14-000881-06P
Q19	Transistor 2N3904 40V .2A 35W NPN	14-000881-06P
Q20	Transistor 2N3904 40V .2A 35W NPN	14-000881-06P
Q21	Transistor 2N3904 40V .2A 35W NPN	14-000881-06P
Q22	Transistor 2N3904 40V .2A 35W NPN	14-000881-06P
Q23	Transistor 2N3904 40V .2A 35W NPN	14-000881-06P
Q24	Transistor 2N3904 40V .2A 35W NPN	14-000881-06P
Q25	Transistor 2N3904 40V .2A 35W NPN	14-000881-06P
Q26	Transistor 2N3906 SMALL SIGNAL	14-000873-82P
Q27	Transistor 2N3906 SMALL SIGNAL	14-000873-82P
Q28	Transistor 2N3906 SMALL SIGNAL	14-000873-82P
Q29	Transistor 2N3906 SMALL SIGNAL	14-000873-82P
Q30	Transistor 2N3906 SMALL SIGNAL	14-000873-82P
Q31	Transistor 2N3906 SMALL SIGNAL	14-000873-82P
Q32	Transistor MPS3646 15V .3W 1W NPN	14-000880-05P
Q33	Transistor MPS3646 15V .3W 1W NPN	14-000880-05P
Q34	Transistor MPS3646 15V .3W 1W NPN	14-000880-05P
Q38	Transistor 2N2905A	14-000984-02P
Q40	Transistor 2N6426 NPN	14-000990-01P
Q41	Transistor TIS74 30V .05A FET	14-000720-13P
Q42	Transistor TIS74 30V .05A FET	14-000720-13P
Q43	Transistor TIS74 30V .05A FET	14-000720-13P
Q44	Transistor 2N7000 TMOS SS 60V .2A	14-A00705-01P
Q45	Transistor 2N3904 40V .2A 35W NPN	14-000881-06P
Q46	Transistor 2N3904 40V .2A 35W NPN	14-000881-06P
R1	Resistor 27K .5W 5% MET FILM	80-127025-11P
R2	Resistor 27K .5W 5% MET FILM	80-127025-11P
R3	Resistor 27K .5W 5% MET FILM	80-127025-11P

Hardware Parts - continued ...

Part	Electrohome #
Screw - #8-32x5/16 Pan Hd (ACON holes)	31-700816-05P
Screw - #8x5/16 Tfb Hwh Zinc (drawer assy to wire frame)	31-610818-05P
Screw - #4-40x3/8 Mc Ph Zinc (PEM to PEM plate)	31-700418-06P
Screw - #8-32x1/2 Mc Hwh Zinc (lens)	31-600818-08P
Screw - #4x5/16 TF Ph Hd Blk Ox (brkt to remote jack PCB)	31-710418-06P
Screw - #8x5/16 TFB HWH Zinc (power defl. Mtg strip)	31-610818-05P
Screw - #4x5/16 TF Ph Hd Blk Ox (Remote Jack pnl to wire frame)	31-710418-06P
Screw - #8x5/16 TFB HWH Zinc (lens support brkt to wire frame)	31-610818-05P
Screw - #8x1/4 Tfb Hwh Zinc (keypad support to wire frame)	31-610818-04P
Screw - #8-32x5/16 Pan Hd (covers brackets)	31-700816-05P
Screw - (cover hold down)	33-000954-01P
Screw - #8x1/2 Tfb Hwh Zinc (HV Splitter brkt to Bias mntg brkt)	31-610818-08P
Shield - PCB (Vert, Horiz, Remote, Waveform, Spare, Conv slots) ..	35-004980-01P
Shield - PEM & HV	35-005074-01P
Shield - Magnetic Edging (along rear edge of PEM/HV shield)	39-001533-01P
Shield - Insulator (1 for each shield, 2 for convergence shield)	39-001502-02P
Shield - Vert Deflection (shield under red power defl. PCB)	35-005090-01P
Shield - Foam Lens	39-001497-02P
Shield - Shock	39-001543-04P
Spacer - Fan (between each fan & side panels)	39-001544-01P
Spacer - PVC (front panel mounting tabs 2 per)	39-001533-05P
Spring - Retainer (on screw - to hold retainer on cover)	35-005092-01P
Upper Case Cover Assembly	03-001986-03P
Washer - 9/16"x1/4"x.050 Zinc (CRT b.h. for 1/4-20x3/4 screws)	33-000210-69P
Washer - .468x.187 (lens)	33-000210-41P
Wire Frame	10-000220-02P

Bias/Focus Module ➤*Bias/Focus Module - Bias PCB (02-270008-04P / 03-270008-04P)*

ID	Description	Electrohome #
C10-12	Capacitor MLR-Z5U 470N 50V 20%	85-170708-02P
C22	Capacitor MLR-Z5U 100N 50V 20%	85-170308-01P
C30	Capacitor MLR-Z5U 100N 50V 20%	85-170308-01P
C34	Capacitor MLR-Z5U 100N 50V 20%	85-170308-01P
C39	Capacitor ELR-MIN 220U 25V 20%	85-011105-04P
C40	Capacitor ELR-MIN 220U 25V 20%	85-011105-04P
C41	Capacitor ELR-MIN 47U 25V 20%	85-010905-01P
C42	Capacitor MYR---5 1U0 50V 10%	85-103108-04P
C43	Capacitor CRR-NPO 33P 100V 2%	85-111610-01P
C50	Capacitor ELR-MIN 22UF 250V 20%	85-010004-01P
C51	Capacitor MLR-Z5U 100N 50V 20%	85-170308-01P
C52	Capacitor MYR---5 10N 100V 10%	85-101108-01P
C53	Capacitor MLR-Z5U 100N 50V 20%	85-170308-01P
C56	Capacitor MYR->10 47NF 250V 10%	85-090004-01P
C57-60	Capacitor MYR---5 470N 50V 10%	85-102708-03P
C61	Capacitor MYR---5 1U0 50V 10%	85-103108-04P
C63	Capacitor MYR---5 1U0 50V 10%	85-103108-04P
C64	Capacitor MYR->10 10N 250V 10%	85-090002-01P

RGB Sync 2 Input Module (02-260015-03P / 38-800913-91) - continued ...

ID	Description	Electrohome #
D16	Diode 1N914 A .075A 75V T	14-000513-01P
D17	Diode 1N914 A .075A 75V T	14-000513-01P
D18	Diode 1N914 A .075A 75V T	14-000513-01P
D19	Diode 1N914 A .075A 75V T	14-000513-01P
D20	Diode 1N914 A .075A 75V T	14-000513-01P
D21	Diode 1N914 A .075A 75V T	14-000513-01P
D22	Diode 1N914 A .075A 75V T	14-000513-01P
D23	Diode REC BYV26 .5A 350V	14-000525-07P
D24	Diode REC 1N4003 1A 200V	14-000525-53P
IC1	IC 74LS86 QUAD EXCL OR-GATE	14-004620-01P
IC2	IC CD4011BE QUAD 2-I/P NAND	14-A04027-01P
IC3	IC CD4011BE QUAD 2-I/P NAND	14-A04027-01P
IC4	IC CD4066B RCA MOTOROLA ONLY	14-A03008-02P
IC5	IC 74HC4538 DUAL MONO MULTI VI	14-A04041-01P
IC6	IC 74LS123 DIG MULTI DUAL MONO	14-004670-02P
IC7	IC TL497C SWITCH VOL REG	14-002834-01P
IC8	IC MC7812CT REG FIXED POS	14-002018-01P
IC9	IC MC7805CT REG FIXED POS VOLT	14-002032-01P
IC11	IC 74HC4538 DUAL MONO MULTI VI	14-A04041-01P
IC12	IC 74HC4538 DUAL MONO MULTI VI	14-A04041-01P
IC13	IC 74HC4538 DUAL MONO MULTI VI	14-A04041-01P
L1	Choke RF 27 UH	21-001400-10P
L2	Inductor 120UH	21-001185-38P
L3	Choke RF 27 UH	21-001400-25P
L4	Choke RF 27 UH	21-001400-25P
P1	Pin Radio .062	34-000490-02P
P2	Pin Radio .062	34-000490-02P
P3	Pin Radio .062	34-000490-02P
P4	Pin Radio .062	34-000490-02P
P5	Pin Radio .062	34-000490-02P
P6	Pin Radio .062	34-000490-02P
P7	Pin Radio .062	34-000490-02P
P8	Pin Radio .062	34-000490-02P
P9	Pin Radio .062	34-000490-02P
P10	Pin Radio .062	34-000490-02P
P11	Pin Radio .062	34-000490-02P
P12	Header .1 CTR STRAIGHT S ROW	34-000955-03P
P13	Header .1 CTR STRAIGHT S ROW	34-000955-03P
P14	Header .1 CTR STRAIGHT S ROW	34-000955-03P
P15	Header .1 CTR STRAIGHT S ROW	34-000955-03P
P16	Header .1 CTR STRAIGHT S ROW	34-000955-03P
P17	Header .1 CTR STRAIGHT S ROW	34-000955-03P

Bias/Focus Module (02-270008-04P / 03-270008-04P) - continued ...

ID	Description	Electrohome #
C67	Capacitor MYR->10 220NF 250V 10%	85-090003-01P
C68	Capacitor MYR->10 220NF 250V 10%	85-090003-01P
C69	Capacitor ELR-MIN 2U2 50V 20%	85-010002-01P
C70	Capacitor CRR-NPO 82PF 100V 2%	85-110005-01P
C71	Capacitor MYR---5 4N7 100V 10%	85-100710-01P
C72	Capacitor MYR---5 33N 100V 10%	85-101510-01P
D11	Diode 1N914 A .075A 75V T	14-000513-01P
D12	Diode REC 1N4003 1A 200V	14-000525-53P
D13	Diode REC 1N4003 1A 200V	14-000525-53P
D14-17	Diode 1N914 A .075A 75V T	14-000513-01P
D19	Diode BAT 81 SCHOTTKY BARRIER	14-000533-01P
D20	Diode BAT 81 SCHOTTKY BARRIER	14-000533-01P
D21	Diode BAT 81 SCHOTTKY BARRIER	14-000533-01P
D22	Diode 1N914 A .075A 75V T	14-000513-01P
D23	Diode 1N914 A .075A 75V T	14-000513-01P
D24	Diode 1N914 A .075A 75V T	14-000513-01P
D25	Diode 1N914 A .075A 75V T	14-000513-01P
D26	Diode 1N914 A .075A 75V T	14-000513-01P
D27	Diode 1N914 A .075A 75V T	14-000513-01P
D28	Diode REC 1N4003 1A 200V	14-000525-53P
▲ IC2	IC TL431C REG PREC SHUNT	14-002833-01P
▲ IC3	IC TL431C REG PREC SHUNT	14-002833-01P
▲ IC4	IC NE5514 LIN AMP QUAD	14-002813-08P
▲ IC5	IC CA339 LIN COMP QUAD-VOLT	14-002154-01P
P1-4	Header LOCKING	34-000813-10P
P5	Header MOLEX WAFER	34-000621-10P
P10-13	Pin Radio .093	34-000490-01P
Q1	Transistor MPSA44 .3A .6W SM SG NPN	14-000889-01P
Q10	Transistor 2N3904 40V .2A 35W NPN	14-000881-06P
Q11	Transistor MJE340 300V 20W NPN	14-000986-03P
Q12	Transistor MJE340 300V 20W NPN	14-000986-03P
Q13	Transistor 2N3904 40V .2A 35W NPN	14-000881-06P
Q14	Transistor MJE340 300V 20W NPN	14-000986-03P
Q15	Transistor 2N3904 40V .2A 35W NPN	14-000881-06P
Q16	Transistor MJE340 300V 20W NPN	14-000986-03P
Q17	Transistor 2N7000 TMOS SS 60V .2A	14-A00705-01P
R14	Resistor 100K .5W 5% MET FILM	80-110035-11P
R15	Resistor 100K .5W 5% MET FILM	80-110035-11P
R16	Resistor 100K .5W 5% MET FILM	80-110035-11P
R17	Resistor 1M .5W 5% MET FILM	80-110045-11P
R18	Resistor 2K7 .5W 5% MET FILM	80-127015-11P
R19	POTENTIOMETER 2.5MEG HV	41-000371-01P
R20	POTENTIOMETER 2.5MEG HV	41-000371-01P
R21	Resistor 100R .5W 5% MET FILM	80-110005-11P
▲ R34	Resistor 1K .5W 5% MET FILM	80-110015-11P
R35	Resistor 220K .5W 5% MET FILM	80-122035-11P

RGB Sync 2 Input Module (02-260015-03P / 38-800913-91) - continued ...

ID	Description	Electrohome #
C43	Capacitor MLR-Z5U 100N 50V 20%	85-170308-01P
C44	Capacitor CRR-NPO 12PF 100V 2%	85-110001-01P
C45	Capacitor CRR-NPO 1P8 100V 1/4	85-110002-01P
C46	Capacitor CRR-NPO 10P 100V 2%	85-111010-01P
C47	Capacitor CRR-NPO 1P8 100V 1/4	85-110002-01P
C48	Capacitor CRR-NPO 1P8 100V 1/4	85-110002-01P
C49	Capacitor CRR-NPO 10P 100V 2%	85-111010-01P
C50	Capacitor ELR-MIN 330UF 16V 20%	85-010006-01P
C51	Capacitor ELR-MIN 330UF 16V 20%	85-010006-01P
C52	Capacitor ELR-MIN 330UF 16V 20%	85-010006-01P
C53	Capacitor ELR-MIN 10U 50V 20%	85-010608-01P
C54	Capacitor ELR-MIN 10U 50V 20%	85-010608-01P
C55	Capacitor ELR-MIN 10U 50V 20%	85-010608-01P
C56	Capacitor MLR-NPO 330P 100V 5%	85-131008-01P
C57	Capacitor MLR-NPO 330P 100V 5%	85-131008-01P
C58	Capacitor MYR---5 10N 100V 10%	85-101108-01P
C59	Capacitor CRR-NPO 100P 100V 2%	85-112210-01P
C60	Capacitor MLR-Z5U 470N 50V 20%	85-170708-02P
C61	Capacitor MLC-NPO RD 1N0 50V 1%	85-131408-01P
C62	Capacitor ELR-MIN 10U 50V 20%	85-010608-01P
C63	Capacitor ELR-MIN 1M0 16V 20%	85-011403-07P
C64	Capacitor ELR-MIN 1M0 16V 20%	85-011403-07P
C65	Capacitor MICA 470P 500V 5%	47-044715-03P
C67	Capacitor ELR-MIN 100U 25V 20%	85-011005-02P
C68	Capacitor MLR-Z5U 100N 50V 20%	85-170308-01P
C69	Capacitor MYR---5 220N 50V 10%	85-102308-01P
C70	Capacitor MYR---5 2N2 100V 10%	85-100308-01P
C71	Capacitor ELR-MIN 10U 50V 20%	85-010608-01P
C72	Capacitor MLR-Z5U 100N 50V 20%	85-170308-01P
C73	Capacitor MLR-Z5U 10N 100V 20%	85-170108-01P
C75	Capacitor MYR---5 1U0 50V 10%	85-103108-04P
D1	Diode REC 1N4003 1A 200V	14-000525-53P
D2	Diode 1N914 A .075A 75V T	14-000513-01P
D3	Diode 1N914 A .075A 75V T	14-000513-01P
D4	Diode 1N914 A .075A 75V T	14-000513-01P
D5	Diode BAT 81 SCHOTTKY BARRIER	14-000533-01P
D6	Diode 1N914 A .075A 75V T	14-000513-01P
D7	Diode 1N914 A .075A 75V T	14-000513-01P
D8	Diode 1N914 A .075A 75V T	14-000513-01P
D9	Diode 1N914 A .075A 75V T	14-000513-01P
D10	Diode 1N914 A .075A 75V T	14-000513-01P
D11	Diode 1N914 A .075A 75V T	14-000513-01P
D12	Diode 1N914 A .075A 75V T	14-000513-01P
D13	Diode 1N914 A .075A 75V T	14-000513-01P
D14	Diode BAT 81 SCHOTTKY BARRIER	14-000533-01P
D15	Diode 1N914 A .075A 75V T	14-000513-01P

Bias/Focus Module (02-270008-04P / 03-270008-04P) - continued ...

ID	Description	Electrohome #
R166	Resistor 100R .5W 5%	40-221015-37P
R167	Resistor 2K2 .5W 5% MET FILM	80-122015-11P
R168	Resistor 100K .5W 5% MET FILM	80-110035-11P
R169	Resistor 100R .5W 5% MET FILM	80-110005-11P
SG1	LAMP ARGON	27-000011-09P
SG2	LAMP ARGON	27-000011-09P
SW1	Switch RIGHT ANGLE SLIDE	26-000340-01P
SW2	Switch RIGHT ANGLE SLIDE	26-000340-01P
SW3	Switch RIGHT ANGLE SLIDE	26-000340-01P
T2	TRANSFORMER DYNAMIC FOCUS	24-170003-01P
TP1	Header .1CTR STRAIGHT S ROW	34-000955-01P
TP2	Header .1CTR STRAIGHT S ROW	34-000955-01P
TP3	Header .1CTR STRAIGHT S ROW	34-000955-01P
TP4	Header .1CTR STRAIGHT S ROW	34-000955-01P
TP5	Header .1CTR STRAIGHT S ROW	34-000955-01P
TP6	Header .1CTR STRAIGHT S ROW	34-000955-01P
TP7	Header .1CTR STRAIGHT S ROW	34-000955-01P
TP8	Header .1CTR STRAIGHT S ROW	34-000955-01P
ZD1	Diode Zener 1N4739A 9.1V 1W	14-000531-39P

**Focus PCB
Assembly** ➤*Focus PCB Assembly (part of Bias /Focus Module)*

ID	Description	Electrohome #
C1	Capacitor CER DISC Z5U 2N2 10KV 20%	46-500004-01P
C2	Capacitor CER DISC Z5U 2N2 10KV 20%	46-500004-01P
C27	Capacitor CER AXIAL Y5P 1N0 15KV 20%	46-500002-02P
P6	Pin Radio .093	34-000490-01P
P7	Pin Radio .093	34-000490-01P
P8	Pin Radio .093	34-000490-01P
P13	Header RT ANGLE .100" SPACING	34-000863-04P
Q6	Transistor MPSA44 .3A .6W SM SG NPN	14-000889-01P
Q7	Transistor MPSA44 .3A .6W SM SG NPN	14-000889-01P
Q8	Transistor MPSA44 .3A .6W SM SG NPN	14-000889-01P
Q9	Transistor MPSA44 .3A .6W SM SG NPN	14-000889-01P
Q13	Transistor MPSA44 .3A .6W SM SG NPN	14-000889-01P
Q14	Transistor MPSA44 .3A .6W SM SG NPN	14-000889-01P
R1	Resistor 10M .5W 5%	80-210055-23P
R26-28	FOCUS BLOCK RGB (1block total)	41-000372-01P
R101	Resistor 1M .5W 5% MET FILM	80-110045-11P
R102	Resistor 1M .5W 5% MET FILM	80-110045-11P
R103	Resistor 1M .5W 5% MET FILM	80-110045-11P
R104	Resistor 1M .5W 5% MET FILM	80-110045-11P
R105	Resistor 1M .5W 5% MET FILM	80-110045-11P
R106	Resistor 1M .5W 5% MET FILM	80-110045-11P

RGB Sync 2 ►
Input Module
RGB Sync 2 Input Module (02-260015-03P / 38-800913-91)

ID	Description	Electrohome #
	Bracket - Mounting	39-001496-03P
	Connector - BNC W/33-566-01/02	34-001021-01P
	Panel	53-100974-11P
	Screw - #4x5/16 TF PH HD BLK OX (for bracket)	31-270414-05P
	Terminal - Lug Type 3-.375	34-000033-08P
C1	Capacitor ELR-MIN 100U 25V 20%	85-011005-02P
C2	Capacitor ELR-MIN 100U 25V 20%	85-011005-02P
C3	Capacitor ELR-MIN 100U 25V 20%	85-011005-02P
C4	Capacitor ELR-MIN 100U 25V 20%	85-011005-02P
C5	Capacitor ELR-MIN 100U 25V 20%	85-011005-02P
C6	Capacitor ELR-MIN 100U 25V 20%	85-011005-02P
C7	Capacitor ELR-MIN 100U 25V 20%	85-011005-02P
C8	Capacitor ELR-MIN 100U 25V 20%	85-011005-02P
C9	Capacitor ELR-MIN 100U 25V 20%	85-011005-02P
C10	Capacitor ELR-MIN 100U 25V 20%	85-011005-02P
C11	Capacitor ELR-MIN 100U 25V 20%	85-011005-02P
C12	Capacitor ELR-MIN 100U 25V 20%	85-011005-02P
C13	Capacitor ELR-MIN 100U 25V 20%	85-011005-02P
C14	Capacitor ELR-MIN 100U 25V 20%	85-011005-02P
C15	Capacitor ELR-MIN 100U 25V 20%	85-011005-02P
C16	Capacitor ELR-MIN 100U 25V 20%	85-011005-02P
C17	Capacitor MLR-Z5U 100N 50V 20%	85-170308-01P
C18	Capacitor MLR-Z5U 100N 50V 20%	85-170308-01P
C19	Capacitor MLR-Z5U 100N 50V 20%	85-170308-01P
C20	Capacitor MLR-Z5U 100N 50V 20%	85-170308-01P
C21	Capacitor MLR-Z5U 100N 50V 20%	85-170308-01P
C22	Capacitor MLR-Z5U 100N 50V 20%	85-170308-01P
C23	Capacitor MLR-Z5U 100N 50V 20%	85-170308-01P
C24	Capacitor MLR-Z5U 100N 50V 20%	85-170308-01P
C25	Capacitor MLR-Z5U 100N 50V 20%	85-170308-01P
C26	Capacitor MLR-Z5U 100N 50V 20%	85-170308-01P
C27	Capacitor MLR-Z5U 100N 50V 20%	85-170308-01P
C28	Capacitor MLR-Z5U 100N 50V 20%	85-170308-01P
C29	Capacitor MLR-Z5U 100N 50V 20%	85-170308-01P
C30	Capacitor MLR-Z5U 100N 50V 20%	85-170308-01P
C31	Capacitor MLR-Z5U 100N 50V 20%	85-170308-01P
C32	Capacitor MLR-Z5U 100N 50V 20%	85-170308-01P
C33	Capacitor MLR-Z5U 100N 50V 20%	85-170308-01P
C34	Capacitor MLR-Z5U 100N 50V 20%	85-170308-01P
C35	Capacitor MLR-Z5U 100N 50V 20%	85-170308-01P
C36	Capacitor MLR-Z5U 100N 50V 20%	85-170308-01P
C37	Capacitor MLR-Z5U 100N 50V 20%	85-170308-01P
C38	Capacitor MLR-Z5U 100N 50V 20%	85-170308-01P
C39	Capacitor MLR-Z5U 100N 50V 20%	85-170308-01P
C40	Capacitor MLR-Z5U 100N 50V 20%	85-170308-01P
C41	Capacitor MLR-Z5U 100N 50V 20%	85-170308-01P
C42	Capacitor MLR-Z5U 100N 50V 20%	85-170308-01P

Focus PCB Assembly (part of Bias /Focus Module) - continued ...

ID	Description	Electrohome #
R107	Resistor 1M .5W 5% MET FILM	80-110045-11P
R108	Resistor 1M .5W 5% MET FILM	80-110045-11P
R109	Resistor 1M .5W 5% MET FILM	80-110045-11P
R110	Resistor 1M .5W 5% MET FILM	80-110045-11P
R111	Resistor 1M .5W 5% MET FILM	80-110045-11P
R112	Resistor 1M .5W 5% MET FILM	80-110045-11P
R113	Resistor 1M .5W 5% MET FILM	80-110045-11P
R114	Resistor 1M .5W 5% MET FILM	80-110045-11P
R115	Resistor 1M .5W 5% MET FILM	80-110045-11P
R116	Resistor 1M .5W 5% MET FILM	80-110045-11P
R117	Resistor 1M .5W 5% MET FILM	80-110045-11P
R118	Resistor 1M .5W 5% MET FILM	80-110045-11P
R122	Resistor 1M .5W 5% MET FILM	80-110045-11P
R123	Resistor 22M .5W 5% HV	80-222055-23P
R124	Resistor 22M .5W 5% HV	80-222055-23P
R125	Resistor 22M .5W 5% HV	80-222055-23P
R126	Resistor 300K .5W 5% MET FILM	80-130035-11P
R127	Resistor 1M .5W 5% MET FILM	80-110045-11P
R128	Resistor 1M .5W 5% MET FILM	80-110045-11P
R129	Resistor 39K .5W 5% MET FILM	80-139025-11P
R130	Resistor 1M .5W 5% MET FILM	80-110045-11P
R131	Resistor 1M .5W 5% MET FILM	80-110045-11P
R132	Resistor 1M .5W 5% MET FILM	80-110045-11P
R150	Resistor 510K .5W 5% MET FILM	80-151035-11P

**Convergence
Module** ➤*Convergence Module - Main PCB (02-270007-04P / 03-270007-03P)*

ID	Description	Electrohome #
C1	Capacitor MLR-Z5U 100N 50V 20%	85-170308-01P
C2	Capacitor MLR-Z5U 100N 50V 20%	85-170308-01P
C3	Capacitor MLR-Z5U 100N 50V 20%	85-170308-01P
C5	Capacitor MLR-Z5U 100N 50V 20%	85-170308-01P
C6	Capacitor MLR-Z5U 100N 50V 20%	85-170308-01P
C7	Capacitor MLR-Z5U 100N 50V 20%	85-170308-01P
C8	Capacitor MLR-Z5U 100N 50V 20%	85-170308-01P
C9	Capacitor MLR-Z5U 100N 50V 20%	85-170308-01P
C10	Capacitor MLR-Z5U 100N 50V 20%	85-170308-01P
C11	Capacitor MLR-Z5U 100N 50V 20%	85-170308-01P
C12	Capacitor MLR-NPO 1N5 50V 1%	85-130004-01P
C13	Capacitor MLR-Z5U 10N 100V 20%	85-170108-01P
C14	Capacitor MLR-Z5U 47N 50V 20%	85-170208-01P
C15	Capacitor MLR-Z5U 100N 50V 20%	85-170308-01P
C16	Capacitor MLR-Z5U 100N 50V 20%	85-170308-01P
C17	Capacitor MLR-Z5U 100N 50V 20%	85-170308-01P
C18	Capacitor ELR-SUP 10U 25V 20%	85-040905-02P

**Power Entry
Module** ➤**Power Entry Module (02-260102-02P / 03-260102-02P)**

ID	Description	Electrohome #
C1	Capacitor ELR-MIN 100U 35V 20%	85-011006-03P
C2	Capacitor ELR-MIN 2M2 16V 20%	85-010005-01P
C3	Capacitor MLR-Z5U 100N 50V 20%	85-170308-01P
C4	Capacitor MLR-Z5U 100N 50V 20%	85-170308-01P
C5	Capacitor 10NF 100V BOX TYPE	88-171031-12P
C6	Capacitor 10NF 100V BOX TYPE	88-171031-12P
C7	Capacitor 10NF 100V BOX TYPE	88-171031-12P
C8	Capacitor 10NF 100V BOX TYPE	88-171031-12P
C9	Capacitor ELR-MIN 1M0 16V 20%	85-011403-07P
C10	Capacitor MLR-Z5U 100N 50V 20%	85-170308-01P
C11	Capacitor MLR-Z5U 100N 50V 20%	85-170308-01P
C13	Capacitor ELR-MIN 1M0 25V 20%	85-011405-08P
C14	Capacitor MLR-Z5U 100N 50V 20%	85-170308-01P
C15	Capacitor ELEC 22U 25V 20%	84-422004-01P
D1	Diode REC 1N4003 1A 200V	14-000525-53P
D2	Diode REC 1N4003 1A 200V	14-000525-53P
D3	Diode REC 1N4003 1A 200V	14-000525-53P
D4	Diode REC 1N4003 1A 200V	14-000525-53P
D5	Diode REC 1N4003 1A 200V	14-000525-53P
D6	Diode REC 1N4003 1A 200V	14-000525-53P
D7	Diode 1N914 A .075A 75V T	14-000513-01P
▲ F1	Fuse .125A 250V SB	27-000005-45P
▲ F2	Fuse 6.0A SLOW BLOW	27-000005-47P
F3	Fuse 3.15A 250V ET-4A	27-000045-05P
F4	Fuse 3.15A 250V ET-4A	27-000045-05P
IC1	IC MC7805CT REG FIXED POS VOLT	14-002032-01P
IC2	IC MC7812CT REG FIXED POS	14-002018-01P
P2	Header SQ Pin .156	34-000820-05P
P3	Header SQ Pin .156	34-000820-05P
P4	Header SQ Pin .156	34-000820-07P
P5	Header SQ Pin .156	34-000820-12P
▲ PM1	AC INPUT MODULE	34-001058-01P
Q1	Transistor 2N2222 30V .8A .5W NPN	14-000880-01P
Q2	Transistor 2N6426 NPN	14-000990-01P
Q3	Transistor 2N3904 40V .2A 35W NPN	14-000881-06P
R1	Resistor 470R .5W 5% MET FILM	80-147005-11P
R2	Resistor 10R .5W 5% MET FILM	80-110095-11P
R3	Resistor 15K .5W 5% MET FILM	80-115025-11P
R4	Resistor 68K .5W 5% MET FILM	80-168025-11P
R5	Resistor 68K .5W 5% MET FILM	80-168025-11P
R6	Resistor 10K .5W 5% MET FILM	80-110025-11P
▲ RL1	Relay SPST 5VDC	25-000112-01P
RL2	Relay DPDT MT2 DIP 4.5V C93406	25-000106-02P
▲ VR1	Varistor METAL OXIDE V20A	42-000127-01P

Convergence Module (02-270007-04P / 03-270007-03P) - continued ...

ID	Description	Electrohome #
C19	Capacitor MLR-Z5U 470N 50V 20%	85-170708-02P
C20	Capacitor CRR-NPO 33P 100V 2%	85-111610-01P
C21	Capacitor MLR-Z5U 100N 50V 20%	85-170308-01P
C22	Capacitor MLR-Z5U 100N 50V 20%	85-170308-01P
C23	Capacitor MLR-Z5U 100N 50V 20%	85-170308-01P
C25	Capacitor MLR-Z5U 100N 50V 20%	85-170308-01P
C26	Capacitor MYR---5 33N 100V 10%	85-101510-01P
C27	Capacitor MYR---5 22N 50V 10%	85-101308-01P
C28	Capacitor MLR-Z5U 10N 100V 20%	85-170108-01P
C29	Capacitor CRR-NPO 22P 100V 2%	85-111410-01P
C30	Capacitor CRR-Y5P 1N0 100V 10%	85-201010-01P
C31	Capacitor MLR-Z5U 10N 100V 20%	85-170108-01P
C32	Capacitor MLR-Z5U 10N 100V 20%	85-170108-01P
C33	Capacitor MLR-Z5U 470N 50V 20%	85-170708-02P
C35	Capacitor MLR-Z5U 470N 50V 20%	85-170708-02P
C37	Capacitor CRR-Y5P 270PF 100V 10%	85-200001-01P
C38	Capacitor MLR-NPO 470P 100V 5%	85-131210-01P
C39	Capacitor MLR-Z5U 100N 50V 20%	85-170308-01P
C40	Capacitor MYR---5 1N5 100V 10%	85-100208-01P
C41	Capacitor CRR-NPO 82PF 100V 2%	85-110005-01P
C42	Capacitor CRR-NPO 82PF 100V 2%	85-110005-01P
C43	Capacitor CRR-NPO 82PF 100V 2%	85-110005-01P
C44	Capacitor CRR-NPO 82PF 100V 2%	85-110005-01P
C45	Capacitor MLR-Z5U 100N 50V 20%	85-170308-01P
C47	Capacitor MLR-Z5U 100N 50V 20%	85-170308-01P
C49	Capacitor MLR-Z5U 100N 50V 20%	85-170308-01P
C50	Capacitor MLR-Z5U 100N 50V 20%	85-170308-01P
C51	Capacitor MLR-Z5U 100N 50V 20%	85-170308-01P
C52	Capacitor CRR-NPO 82PF 100V 2%	85-110005-01P
C53	Capacitor CRR-NPO 82PF 100V 2%	85-110005-01P
C54	Capacitor CRR-NPO 10P 100V 2%	85-111010-01P
C55	Capacitor MLR-Z5U 100N 50V 20%	85-170308-01P
C57	Capacitor MLR-Z5U 100N 50V 20%	85-170308-01P
C58	Capacitor MLR-Z5U 100N 50V 20%	85-170308-01P
C59	Capacitor MLR-Z5U 100N 50V 20%	85-170308-01P
C60	Capacitor MLR-Z5U 100N 50V 20%	85-170308-01P
C61	Capacitor MLR-Z5U 100N 50V 20%	85-170308-01P
C62	Capacitor MLR-Z5U 100N 50V 20%	85-170308-01P
C63	Capacitor CER MLC X7R 1N0 50V 20%	89-000032-05P
C64	Capacitor MLR-Z5U 100N 50V 20%	85-170308-01P
C65	Capacitor ELR-SUP 10U 25V 20%	85-040905-02P
C66	Capacitor ELR-SUP 47UF 16V 20%	85-040001-01P
C67	Capacitor MLR-Z5U 100N 50V 20%	85-170308-01P
C68	Capacitor MLR-Z5U 100N 50V 20%	85-170308-01P
C69	Capacitor ELR-SUP 47UF 16V 20%	85-040001-01P
C70	Capacitor ELR-MIN 100U 25V 20%	85-011005-02P

MOSFET PCB ➤**MOSFET PCB (part of 02-270003-05P/06P / 03-270003-02P/06P)**

Note: In November 1995, the design of the MOSFET board changed due to component availability. The newer version board (included with Power Deflection Module #02-270003-06P/03-270003-06P) is not interchangeable with the older board (included with Power Deflection Module #02-270003-05P/03-270003-02P). It is important that all three MOSFET boards are the same, otherwise linearity problems may occur. If replacing an older version Power Deflection Module that has a good MOSFET board, use the old MOSFET board instead of the one supplied on the new Power Deflection Module. If you must replace an older version module with a completely new module (Power Deflection PCB and MOSFET PCB), the other two modules Power Deflection Modules should also be replaced.

MOSFET PCB (earlier version)

ID	Description	Electrohome #
C8	Capacitor PPR-MHI 3N3 1KV 5% 10	85-220005-01P
C9	Capacitor MYR---5 1U0 50V 10% 04	85-103108-04P
C10	Capacitor MYR---5 220N 50V 10% 01	85-102308-01P
C11	Capacitor MYR---5 220N 50V 10% 01	85-102308-01P
C12	Capacitor PPR-MHI 3N3 1KV 5% 10	85-220005-01P
D3	Diode 1N914 A .075A 75V T	14-000513-01P
D4	Diode 1N914 A .075A 75V T	14-000513-01P
P1-7	Connector "F" POST AMP	34-001063-01P
Q3	Transistor IRFAE50 PWR MOSFET	14-A00603-01P
Q4	Transistor IRFAE50 PWR MOSFET	14-A00603-01P
Q5	Transistor MPSW51 30V 1W PNP	14-000887-04P
Q6	Transistor MPSW51 30V 1W PNP	14-000887-04P
R8	Resistor 22R .5W 5% MET FILM	80-122095-11P
R9	Resistor 22R .5W 5% MET FILM	80-122095-11P
R10	Resistor 2K2 .5W 5% MET FILM	80-122015-11P
R11	Resistor 2K2 .5W 5% MET FILM	80-122015-11P
T1	Transformer HORIZ PULSE	24-170004-01P
ZD1	Diode Zener 1N5242 -12V 5%	14-000531-35P

MOSFET PCB (newer version)

ID	Description	Electrohome #
C1	Capacitor MYR---5 1U0 50V 10% 04	85-103108-04P
C2	Capacitor MLA-Z5U 220N, 50V, 20%	85-180908-01P
C3	Capacitor MLA-Z5U 220N, 50V, 20%	85-180908-01P
C4	Capacitor PPR-FLM 3N3 1KV, 10%	85-220004-01P
C5	Capacitor PPR-FLM 3N3 1KV, 10%	85-220004-01P
Q1	Transistor MTW7N80E, 800V, 7A	14-A00708-01P
Q2	Transistor MTW7N80E, 800V, 7A	14-A00708-01P
R1	Resistor 22R, 5W, 5% MET FILM	80-122095-11P
R2	Resistor 22R, 5W, 5% MET FILM	80-122095-11P
R3	Resistor 2R2, 5%	80-122085-11P
R4	Resistor 2R2, 5%	80-122085-11P
T1	Transformer, horizontal pulse	24-170004-01P
U1	Transistor MDC1000A Power Off Device	14-000724-01P
U2	Transistor MDC1000A Power Off Device	14-000724-01P

Convergence Module (02-270007-04P / 03-270007-03P) - continued ...

ID	Description	Electrohome #
C72	Capacitor MLR-Z5U 10N 100V 20%	85-170108-01P
C73	Capacitor ELR-SUP 47UF 16V 20%	85-040001-01P
C74	Capacitor MYR---5 33N 100V 10%	85-101510-01P
C76	Capacitor CRR-Y5P 470P 100V 10%	85-200610-01P
C77	Capacitor MLR-Z5U 10N 100V 20%	85-170108-01P
C79	Capacitor CER DISC Z5P 150P 500V 10%	86-315113-51P
C80	Capacitor MLR-NPO 330P 100V 5%	85-131008-01P
D1	Diode VARACTOR MV1404 120PF	14-000519-02P
D2	Diode 1N914 A .075A 75V T	14-000513-01P
IC1	IC Programmed PROM 1024X8 BIT	14-P00701-02P
IC5	IC 74F125 3 STATE NON INVERT	14-004703-01P
IC6	IC Programmed PAL16V8	14-P00706-01P
IC7	IC Programmed PALCE22V1	14-P00707-01P
IC8	IC Programmed 27C512-17	14-P00708-01P
IC9	IC 74HC590 8-B BIN COUNTER 3ST	14-A04067-01P
IC10	IC 74HC74 DUAL KD-FF W/PRE+CLR	14-A04007-01P
IC11	IC 74HC4538 DUAL MONO MULTI VI	14-A04041-01P
IC12	IC TL082BC LIN AMP OP	14-002813-09P
IC13	IC 74HC245 OCT BUS XCVR 3-ST	14-A04042-01P
IC14	IC TRA10125 QUAD MCCL TO TTL	14-003053-01P
IC15	IC SP1658 DIG MULTIV VOLT CONT	14-004701-01P
IC16	IC MC34082 LIN DUAL JFET OP-AM	14-002164-02P
IC19	IC HEF4750V FREQ SYNTHESIZER	14-A04088-01P
IC20	IC 74HC137 3-8L DEC/LATCH INV	14-A04044-01P
IC22	IC 74HC32 MOTOROLA ONLY	14-A04005-02P
IC24	IC Programmed PAL16V8	14-P00724-01P
IC25	IC 74HC32 MOTOROLA ONLY	14-A04005-02P
IC26	IC 74LS691 SYNCH CNTR	14-004697-01P
IC27	IC 74HC4538 DUAL MONO MULTI VI	14-A04041-01P
IC28	IC Programmed PAL16V8	14-P00728-01P
IC29	IC 74HC590 8-B BIN COUNTER 3ST	14-A04067-01P
IC30	IC 74HC14 SCHMITT INVERTER	14-A04073-01P
IC31	IC MC14046B PHASE LOCKED LOOP	14-A02006-02P
IC32	IC 74HC125 QUAD BUS BUF 3-ST	14-A04078-01P
IC33	IC LM78L05ACZ LIN REG 5V POS	14-002814-02P
IC34	IC MC79L05AC NEG VOLT REG	14-002844-01P
IC35	IC MC79L05AC NEG VOLT REG	14-002844-01P
IC37	IC Programmed PAL16RA8	14-P00737-01P
IC38	IC 74HC245 OCT BUS XCVR 3-ST	14-A04042-01P
IC40	IC Programmed MACH 210-20	14-P00740-01P
P1	Connector 64 Pin RA PLUG DIN	34-001057-02P
P2	Header DUAL BODY	34-001036-10P
P3	Header DUAL BODY	34-001036-10P
P4	Header DUAL BODY	34-001036-10P
P5	Header DUAL BODY	34-001036-10P

Power Defl. Module (02-270003-05P/06P / 03-270003-02P/06P) - cont ..

ID	Description	Electrohome #
R59	Resistor 100R .5W 5% MET FILM	80-110005-11P
R60	Resistor 100K .5W 5% MET FILM	80-110035-11P
R61	Resistor 24K .5W 5% MET FILM	80-124025-11P
R62	Resistor 2K2 .5W 5% MET FILM	80-122015-11P
R63	Resistor 820R .5W 5% MET FILM	80-182005-11P
R64	Resistor 240R MET FILM	80-124005-11P
R65	Resistor 16K .5W 5% MET FILM	80-116025-11P
R66	Resistor 82R .5W 5% MET FILM	80-182095-11P
R67	Resistor 1K .5W 5% MET FILM	80-110015-11P
▲ R68	Resistor 1R .5W MET FILM	80-110085-11P
▲ R69	Resistor 1R 1W 5% CRIT SAFE	42-000108-02P
▲ R70	Resistor 1R 1W 5% CRIT SAFE	42-000108-02P
R71	Resistor 100R .5W 5% MET FILM	80-110005-11P
R72	Resistor 5K1 .5W 5% MET FILM	80-151015-11P
R73	Resistor 820R .5W 5% MET FILM	80-182005-11P
R74	Carbon Trim Pot 2K	41-000344-08P
R75	Resistor 3K9 .5W 5% MET FILM	80-139015-11P
R76	Resistor 82K .5W 5% MET FILM	80-182025-11P
R77	Resistor 3K9 .5W 5% MET FILM	80-139015-11P
R78	Resistor 2K7 .5W 5% MET FILM	80-127015-11P
R79	Resistor 10R .5W 5% MET FILM	80-110095-11P
R80	Resistor 100R .5W 5% MET FILM	80-110005-11P
▲ R81	Resistor 1R .5W MET FILM	80-110085-11P
▲ R82	Resistor 1R .5W MET FILM	80-110085-11P
R83	Resistor 24K .5W 5% MET FILM	80-124025-11P
R84	Resistor 100R .5W 5% MET FILM	80-110005-11P
R85	Resistor 240K .5W 5% MET FILM	80-124035-11P
R86	Resistor 20K .5W 5% MET FILM	80-120025-11P
R87	Resistor 18K .5W 5% MET FILM	80-118025-11P
R88	Resistor 110K MET FILM	80-111035-11P
R89	Resistor 2K2 .5W 5% MET FILM	80-122015-11P
R90	Resistor 10R .5W 5% MET FILM	80-110095-11P
R91	Resistor 10R .5W 5% MET FILM	80-110095-11P
R92	Resistor 10R .5W 5% MET FILM	80-110095-11P
R93	Resistor 10R .5W 5% MET FILM	80-110095-11P
R94	Resistor 4K7 .5W 5% MET FILM	80-147015-11P
R95	Resistor 15R .5W 5% MET FILM	80-115095-11P
R96	Resistor 750R .5W 5% MET FILM	80-175005-11P
R97	Resistor 3K3 .5W 5% MET FILM	80-133015-11P
R98	Resistor 3K3 .5W 5% MET FILM	80-133015-11P
R99	Resistor 9K1 MET FILM	80-191015-11P
R100	Resistor 470R .5W 5% MET FILM	80-147005-11P
▲ R101	Resistor 1R .5W MET FILM	80-110085-11P
R102	Resistor 100R .5W 5% MET FILM	80-110005-11P
RL1	Relay DPDT 12VDC	25-000113-01P
ZD1	Diode Zener 1N4739A 9.1V 1W	14-000531-39P

Convergence Module (02-270007-04P / 03-270007-03P) - continued ...

ID	Description	Electrohome #
P6	Header DUAL BODY	34-001036-08P
Q1	Transistor 2N7000 TMOS SS 60V .2A	14-A00705-01P
Q2	Transistor 2N7000 TMOS SS 60V .2A	14-A00705-01P
Q3	Transistor 2N7000 TMOS SS 60V .2A	14-A00705-01P
Q4	Transistor 2N7000 TMOS SS 60V .2A	14-A00705-01P
Q7	Transistor 2N7000 TMOS SS 60V .2A	14-A00705-01P
R2	Resistor 10K .5W 5% MET FILM	80-110025-11P
R3	Resistor 10K .5W 5% MET FILM	80-110025-11P
R4	Resistor 4K7 .5W 5% MET FILM	80-147015-11P
R5	Resistor 2K .5W 5% MET FILM	80-120015-11P
R6	Resistor 18K .5W 5% MET FILM	80-118025-11P
R7	Resistor 10K .5W 5% MET FILM	80-110025-11P
R8	Resistor 10K .5W 5% MET FILM	80-110025-11P
R9	Resistor 470R .5W 5% MET FILM	80-147005-11P
R10	Resistor 2K2 .5W 5% MET FILM	80-122015-11P
R11	Resistor 1K .5W 5% MET FILM	80-110015-11P
R12	Resistor 100K .5W 5% MET FILM	80-110035-11P
R13	Resistor 2K2 .5W 5% MET FILM	80-122015-11P
R14	Resistor 1K8 .5W 5% MET FILM	80-118015-11P
R15	Resistor 1K .5W 5% MET FILM	80-110015-11P
R16	Resistor 2K .5W 5% MET FILM	80-120015-11P
R17	Resistor 8K2 .5W 5% MET FILM	80-182015-11P
R18	Resistor 2K4 .5W 5% MET FILM	80-124015-11P
R19	Resistor 10K .5W 5% MET FILM	80-110025-11P
R20	Resistor 10K .5W 5% MET FILM	80-110025-11P
R21	Resistor 1K .5W 5% MET FILM	80-110015-11P
R22	Resistor 1M .5W 5% MET FILM	80-110045-11P
R23	Resistor 470R .5W 5% MET FILM	80-147005-11P
R24	Resistor 10K .5W 5% MET FILM	80-110025-11P
R25	Resistor 62K .5W 5% MET FILM	80-162025-11P
R26	Resistor 1M .5W 5% MET FILM	80-110045-11P
R27	Resistor 100K .5W 5% MET FILM	80-110035-11P
R28	Resistor 1K .5W 5% MET FILM	80-110015-11P
R29	Resistor 1K .5W 5% MET FILM	80-110015-11P
R30	Resistor 4R7 .5W 5% MET FILM	80-147085-11P
R32	Resistor 470R .5W 5% MET FILM	80-147005-11P
R33	Resistor 1K .5W 5% MET FILM	80-110015-11P
R34	Resistor 1K .5W 5% MET FILM	80-110015-11P
R36	Resistor 1K .5W 5% MET FILM	80-110015-11P
R37	Resistor 3K9 .5W 5% MET FILM	80-139015-11P
R38	Resistor 1K .5W 5% MET FILM	80-110015-11P
R39	Resistor 1K .5W 5% MET FILM	80-110015-11P
R40	Resistor 2K .5W 5% MET FILM	80-120015-11P
R41	Resistor 220K .5W 5% MET FILM	80-122035-11P
R42	Resistor 22K .5W 5% MET FILM	80-122025-11P
R43	Resistor 10K .5W 5% MET FILM	80-110025-11P

Power Defl. Module (02-270003-05P/06P / 03-270003-02P/06P) - cont ..

ID	Description	Electrohome #
R13	Resistor 10R .5W 5% MET FILM	80-110095-11P
R14	Resistor 1K .5W 5% MET FILM	80-110015-11P
R15	Resistor 47R 3W 5%	42-000143-02P
R16	Resistor 10M .5W 5%	80-210055-23P
R17	Resistor 10R .5W 5% MET FILM	80-110095-11P
R18	Resistor 62K .5W 5% MET FILM	80-162025-11P
R19	Resistor 22K .5W 5% MET FILM	80-122025-11P
R20	Resistor 5K1 .5W 5% MET FILM	80-151015-11P
▲ R21	Resistor 4R7 .5W 5% MET FILM	80-147085-11P
R22	Resistor 1K5 .5W 5% MET FILM	80-115015-11P
R23	Resistor 1K .5W 5% MET FILM	80-110015-11P
▲ R24	Resistor 470R .5W 5% MET FILM	80-147005-11P
R25	Resistor 10R .5W 5% MET FILM	80-110095-11P
R26	Resistor 10R .5W 5% MET FILM	80-110095-11P
R27	Resistor 1K1 MET FILM	80-111015-11P
R28	Resistor 2K2 .5W 5% MET FILM	80-122015-11P
R29	Resistor 470R .5W 5% MET FILM	80-147005-11P
R30	Resistor 470R .5W 5% MET FILM	80-147005-11P
▲ R31	Resistor 1R .5W MET FILM	80-110085-11P
▲ R32	Resistor .82R 2W 5% CRIT SAFE	42-000134-01P
R33	Resistor 220R .5W 5% MET FILM	80-122005-11P
R34	Resistor 680R .5W 5% MET FILM	80-168005-11P
R35	Resistor 12R MET FILM	80-112095-11P
R36	Resistor 12R MET FILM	80-112095-11P
R37	Resistor 75R .5W 5% MET FILM	80-175095-11P
R38	Resistor 270R .5W 5% MET FILM	80-127005-11P
R39	Resistor 470R .5W 5% MET FILM	80-147005-11P
R40	Resistor 470R .5W 5% MET FILM	80-147005-11P
▲ R41	Resistor 1R .5W MET FILM	80-110085-11P
R42	Resistor 100R .5W 5% MET FILM	80-110005-11P
R43	Resistor 100R .5W 5% MET FILM	80-110005-11P
▲ R44	Resistor .82R 2W 5% CRIT SAFE	42-000134-01P
R45	Resistor 220R .5W 5% MET FILM	80-122005-11P
R46	Resistor 1K1 MET FILM	80-111015-11P
R47	Resistor 2K2 .5W 5% MET FILM	80-122015-11P
R48	Resistor 470R .5W 5% MET FILM	80-147005-11P
R49	Resistor 470R .5W 5% MET FILM	80-147005-11P
▲ R50	Resistor 1R .5W MET FILM	80-110085-11P
R51	Resistor 680R .5W 5% MET FILM	80-168005-11P
R52	Resistor 12R MET FILM	80-112095-11P
R53	Resistor 12R MET FILM	80-112095-11P
R54	Resistor 75R .5W 5% MET FILM	80-175095-11P
R55	Resistor 270R .5W 5% MET FILM	80-127005-11P
R56	Resistor 470R .5W 5% MET FILM	80-147005-11P
R57	Resistor 470R .5W 5% MET FILM	80-147005-11P
▲ R58	Resistor 1R .5W MET FILM	80-110085-11P

Convergence Module (02-270007-04P / 03-270007-03P) - continued ...

	ID	Description	Electrohome #
	R44	Resistor 680R .5W 5% MET FILM	80-168005-11P
▲	R45	Resistor 10R .5W 5% MET FILM	80-110095-11P
▲	R46	Resistor 10R .5W 5% MET FILM	80-110095-11P
	R50	Resistor 4K7 .5W 5% MET FILM	80-147015-11P
	R51	Resistor 4K7 .5W 5% MET FILM	80-147015-11P
	R53	Resistor 4K7 .5W 5% MET FILM	80-147015-11P
	R54	Resistor 2K2 .5W 5% MET FILM	80-122015-11P
	R55	CONTROL 200R	41-000370-05P
	R56	Resistor 270R .5W 5% MET FILM	80-127005-11P
	R57	Resistor 470R .5W 5% MET FILM	80-147005-11P
	R58	Resistor 470R .5W 5% MET FILM	80-147005-11P
	R59	Resistor 470R .5W 5% MET FILM	80-147005-11P
	R66	Resistor 2K .5W 5% MET FILM	80-120015-11P
	R67	Resistor 4K7 .5W 5% MET FILM	80-147015-11P
	R68	Resistor 4K7 .5W 5% MET FILM	80-147015-11P
	R69	Resistor 4K7 .5W 5% MET FILM	80-147015-11P
	R71	Resistor 1K .5W 5% MET FILM	80-110015-11P
	R75	Resistor 7K5 .5W 5% MET FILM	80-175015-11P
	RN1	Resistor NTWRK 10Pin 4K7 BUS	43-000053-01P
	SW1	Switch ROCKER SPST 4 POS	26-000346-05P
	W1	Wire #22 SOLID BARE TIN	20-312000-04P
	W2	Wire #22 SOLID BARE TIN	20-312000-04P

**Sub-convergence
PCB**
Sub-convergence PCB (part of 02-270007-04P / 03-270007-03P)

	ID	Description	Electrohome #
	C73	Capacitor ELR-MIN 10U 50V 20%	85-010608-01P
	C74	Capacitor MLR-Z5U 100N 50V 20%	85-170308-01P
	C75	Capacitor MLR-Z5U 100N 50V 20%	85-170308-01P
	C76	Capacitor MLR-Z5U 100N 50V 20%	85-170308-01P
	C77	Capacitor MLR-Z5U 100N 50V 20%	85-170308-01P
	C78	Capacitor MLR-Z5U 100N 50V 20%	85-170308-01P
	C79	Capacitor MLR-Z5U 100N 50V 20%	85-170308-01P
	C80	Capacitor MLR-Z5U 100N 50V 20%	85-170308-01P
	C81	Capacitor MLR-Z5U 100N 50V 20%	85-170308-01P
	C82	Capacitor MLR-Z5U 100N 50V 20%	85-170308-01P
	C83	Capacitor MLR-Z5U 100N 50V 20%	85-170308-01P
	C84	Capacitor MLR-Z5U 100N 50V 20%	85-170308-01P
	C85	Capacitor MLR-Z5U 100N 50V 20%	85-170308-01P
	C86	Capacitor MLR-Z5U 100N 50V 20%	85-170308-01P
	C87	Capacitor MLR-Z5U 100N 50V 20%	85-170308-01P
	C88	Capacitor MLR-Z5U 100N 50V 20%	85-170308-01P
	C89	Capacitor MLR-Z5U 100N 50V 20%	85-170308-01P
	C90	Capacitor MLR-Z5U 100N 50V 20%	85-170308-01P
	C91	Capacitor MLR-Z5U 100N 50V 20%	85-170308-01P
	C92	Capacitor MLR-Z5U 100N 50V 20%	85-170308-01P
	C93	Capacitor CRR-NPO 10P 100V 2%	85-111010-01P

Power Defl. Module (02-270003-05P/06P / 03-270003-02P/06P) - cont ..

ID	Description	Electrohome #
L4	COIL LINEARITY HI BAND	21-001431-01P
L5	Choke SMPS	24-161007-03P
P1	Connector 64 Pin RA PLUG DIN	34-001057-02P
P6	Header .156" STRAIGHT PIN5271	34-001038-08P
P7	Header SQ Pin .156	34-000965-06P
P8	Header .156" STRAIGHT PIN5271	34-001038-02P
Q1	Transistor 2N3906 SMALL SIGNAL	14-000873-82P
Q2	Transistor 2N3904 40V .2A 35W NPN	14-000881-06P
Q3	Transistor MPSW05 NPN	14-000887-01P
Q4	Transistor 2N3906 SMALL SIGNAL	14-000873-82P
Q5	Transistor MPSW05 NPN	14-000887-01P
Q6	Transistor MJE253 PNP 100V 4A	14-000988-02P
Q7	Transistor 2N3906 SMALL SIGNAL	14-000873-82P
Q8	Transistor 2N3906 SMALL SIGNAL	14-000873-82P
Q9	Transistor MPSA55 PNP	14-000889-02P
Q10	Transistor MJE243 NPN	14-000988-01P
Q11	Transistor 2N3906 SMALL SIGNAL	14-000873-82P
Q12	Transistor 2N3904 40V .2A 35W NPN	14-000881-06P
Q13	Transistor MPSW05 NPN	14-000887-01P
Q14	Transistor 2N3906 SMALL SIGNAL	14-000873-82P
Q15	Transistor MPSW05 NPN	14-000887-01P
Q16	Transistor MJE253 PNP 100V 4A	14-000988-02P
Q17	Transistor 2N3906 SMALL SIGNAL	14-000873-82P
Q18	Transistor 2N3906 SMALL SIGNAL	14-000873-82P
Q19	Transistor MPSA55 PNP	14-000889-02P
Q20	Transistor MJE243 NPN	14-000988-01P
Q21	Transistor MJE253 PNP 100V 4A	14-000988-02P
Q22	Transistor 2N3904 40V .2A 35W NPN	14-000881-06P
Q23	Transistor 2N3904 40V .2A 35W NPN	14-000881-06P
Q24	Transistor MPSW05 NPN	14-000887-01P
Q25	Transistor MPSW05 NPN	14-000887-01P
Q26	Transistor MPSA55 PNP	14-000889-02P
Q27	Transistor MJE243 NPN	14-000988-01P
Q28	Transistor MJE253 PNP 100V 4A	14-000988-02P
R1	Carbon Trim Pot 25K	41-000344-12P
R2	Carbon Trim Pot 100R	41-000344-04P
▲ R3	Resistor 1K0 .5W 5% CRIT SAFE	42-000125-12P
R4	Resistor 470K .5W 5% HV	80-247035-23P
R5	Resistor 330R 3W 5%	42-000143-05P
R6	Resistor 560R 3W 5%	42-000143-06P
▲ R7	Resistor 1K0 .5W 5% CRIT SAFE	42-000125-12P
R8	Resistor 82R .5W 5% MET FILM	80-182095-11P
R9	Resistor 82R .5W 5% MET FILM	80-182095-11P
R10	Resistor 1K1 MET FILM	80-111015-11P
R11	Resistor 47R 3W 5%	42-000143-02P
R12	Resistor 10M .5W 5%	80-210055-23P

Sub-convergence PCB (part of 02-270007-04P / 03-270007-03P) - cont ...

ID	Description	Electrohome #
C94	Capacitor MLR-Z5U 100N 50V 20%	85-170308-01P
C95	Capacitor CRR-NPO 33P 100V 2%	85-111610-01P
C96	Capacitor MLR-Z5U 100N 50V 20%	85-170308-01P
C97	Capacitor CRR-NPO 10P 100V 2%	85-111010-01P
C98	Capacitor MLR-Z5U 100N 50V 20%	85-170308-01P
C99	Capacitor CRR-NPO 33P 100V 2%	85-111610-01P
C100	Capacitor MLR-Z5U 100N 50V 20%	85-170308-01P
C101	Capacitor CRR-NPO 10P 100V 2%	85-111010-01P
C102	Capacitor MLR-Z5U 100N 50V 20%	85-170308-01P
C103	Capacitor CRR-NPO 33P 100V 2%	85-111610-01P
C104	Capacitor MLR-Z5U 100N 50V 20%	85-170308-01P
C105	Capacitor MLR-Z5U 100N 50V 20%	85-170308-01P
C106	Capacitor MLR-Z5U 100N 50V 20%	85-170308-01P
C107	Capacitor MLR-Z5U 100N 50V 20%	85-170308-01P
C108	Capacitor MLR-Z5U 100N 50V 20%	85-170308-01P
C109	Capacitor MLR-Z5U 100N 50V 20%	85-170308-01P
C110	Capacitor MLR-Z5U 100N 50V 20%	85-170308-01P
C111	Capacitor MLR-Z5U 100N 50V 20%	85-170308-01P
C112	Capacitor MLR-Z5U 100N 50V 20%	85-170308-01P
C113	Capacitor MLR-Z5U 100N 50V 20%	85-170308-01P
C114	Capacitor MLR-Z5U 100N 50V 20%	85-170308-01P
C115	Capacitor MLR-Z5U 100N 50V 20%	85-170308-01P
C116	Capacitor MLR-Z5U 100N 50V 20%	85-170308-01P
IC40	IC 74HC245 OCT BUS XCVR 3-ST	14-A04042-01P
IC41	IC VT20C19-20HS 2KX8 SRAM	14-A05046-02P
IC42	IC 74HC245 OCT BUS XCVR 3-ST	14-A04042-01P
IC43	IC VT20C19-20HS 2KX8 SRAM	14-A05046-02P
IC44	IC 74HC245 OCT BUS XCVR 3-ST	14-A04042-01P
IC45	IC VT20C19-20HS 2KX8 SRAM	14-A05046-02P
IC46	IC 74HC245 OCT BUS XCVR 3-ST	14-A04042-01P
IC47	IC VT20C19-20HS 2KX8 SRAM	14-A05046-02P
IC48	IC 74HC245 OCT BUS XCVR 3-ST	14-A04042-01P
IC49	IC VT20C19-20HS 2KX8 SRAM	14-A05046-02P
IC50	IC 74HC245 OCT BUS XCVR 3-ST	14-A04042-01P
IC51	IC VT20C19-20HS 2KX8 SRAM	14-A05046-02P
IC55	IC TMC2208 MULT ACCUMULATOR	14-A04087-01P
IC56	IC MC34082 LIN DUAL JFET OP-AM	14-002164-02P
IC57	IC AD7945 BUFFERED MULTIPLY	14-A03040-04P
IC58	IC 74AC04PC HEX INVERTOR	14-A04075-02P
IC59	IC TMC2208 MULT ACCUMULATOR	14-A04087-01P
IC60	IC MC34082 LIN DUAL JFET OP-AM	14-002164-02P
IC61	IC AD7945 BUFFERED MULTIPLY	14-A03040-04P
IC62	IC TMC2208 MULT ACCUMULATOR	14-A04087-01P
IC63	IC MC34082 LIN DUAL JFET OP-AM	14-002164-02P
IC64	IC AD7945 BUFFERED MULTIPLY	14-A03040-04P
IC65	IC TMC2208 MULT ACCUMULATOR	14-A04087-01P

Power Defl. Module (02-270003-05P/06P / 03-270003-02P/06P) - cont ..

ID	Description	Electrohome #
C30	Capacitor MLR-Z5U 100N 50V 20% 01	85-170308-01P
C31	Capacitor ELR-MIN 100U 35V 20% 03	85-011006-03P
C32	Capacitor ELR-MIN 2M2 16V 20% 09	85-010005-01P
C33	Capacitor MYR---5 4N7 100V 10% 01	85-100710-01P
C34	Capacitor MYR---5 22N 50V 10% 01	85-101308-01P
C35	Capacitor MLR-Z5U 100N 50V 20% 01	85-170308-01P
C36	Capacitor ELR-MIN 100U 25V 20% 02	85-011005-02P
C37	Capacitor CRR-Y5P 680PF 100V 10% 01	85-200002-01P
C38	Capacitor MLR-Z5U 100N 50V 20% 01	85-170308-01P
C39	Capacitor ELR-MIN 2M2 16V 20% 09	85-010005-01P
C40	Capacitor CRR-NPO 4P7 100V 2% 01	85-110008-01P
C41	Capacitor CRR-NPO 4P7 100V 2% 01	85-110008-01P
D1	Diode REC BYV26 .5A 350V	14-000525-07P
D2	Diode REC BYV26 .5A 350V	14-000525-07P
D3	Diode BY584 A .002A 1800V T	14-000513-03P
D4	Diode BY584 A .002A 1800V T	14-000513-03P
D5	Diode REC BYV26 .5A 350V	14-000525-07P
D6	Diode REC BYV26 .5A 350V	14-000525-07P
D7	Diode 1N914 A .075A 75V T	14-000513-01P
D8	Diode 1N914 A .075A 75V T	14-000513-01P
D9	Diode 1N914 A .075A 75V T	14-000513-01P
D10	Diode 1N914 A .075A 75V T	14-000513-01P
D11	Diode 1N914 A .075A 75V T	14-000513-01P
D12	Diode 1N914 A .075A 75V T	14-000513-01P
D13	Diode 1N914 A .075A 75V T	14-000513-01P
D14	Diode 1N914 A .075A 75V T	14-000513-01P
D15	Diode 1N914 A .075A 75V T	14-000513-01P
D16	Diode 1N914 A .075A 75V T	14-000513-01P
D17	Diode 1N914 A .075A 75V T	14-000513-01P
D18	Diode 1N914 A .075A 75V T	14-000513-01P
D19	Diode 1N914 A .075A 75V T	14-000513-01P
D20	Diode 1N914 A .075A 75V T	14-000513-01P
D21	Diode 1N914 A .075A 75V T	14-000513-01P
D22	Diode 1N914 A .075A 75V T	14-000513-01P
D23	Diode 1N914 A .075A 75V T	14-000513-01P
D24	Diode REC 1N4003 1A 200V	14-000525-53P
D25	Diode 1N914 A .075A 75V T	14-000513-01P
D26	Diode REC 1N4003 1A 200V	14-000525-53P
D27	Diode REC 1N4003 1A 200V	14-000525-53P
IC1	IC M5216L DUAL LARGE CURRENT	14-002836-01P
IC2	IC TL431C REG PREC SHUNT	14-002833-01P
IC3	IC DS0026 5MHZ 2 PHASE MOS	14-003050-01P
IC4	IC TL082BC LIN AMP OP	14-002813-09P
L1	COIL WIDTH 10UH-30UH	21-001429-02P
L2	COIL LINEARITY LO BAND	21-001432-01P
L3	COIL WIDTH 2UH-10UH	21-001429-01P

Sub-convergence PCB (part of 02-270007-04P / 03-270007-03P) - cont ...

ID	Description	Electrohome #
IC66	IC MC34082 LIN DUAL JFET OP-AM	14-002164-02P
IC67	IC AD7945 BUFFERED MULTIPLY	14-A03040-04P
IC68	IC MC34082 LIN DUAL JFET OP-AM	14-002164-02P
IC69	IC TMC2208 MULT ACCUMULATOR	14-A04087-01P
IC70	IC MC34082 LIN DUAL JFET OP-AM	14-002164-02P
IC71	IC AD7945 BUFFERED MULTIPLY	14-A03040-04P
IC72	IC TMC2208 MULT ACCUMULATOR	14-A04087-01P
IC73	IC AD7945 BUFFERED MULTIPLY	14-A03040-04P
J1	Connector BTM ENTRY	34-001035-10P
J2	Connector BTM ENTRY	34-001035-10P
J3	Connector BTM ENTRY	34-001035-10P
J4	Connector BTM ENTRY	34-001035-10P
J5	Connector BTM ENTRY	34-001035-10P
J6	Connector BOTTOM ENTRY	34-001035-08P
R163	Resistor 100R .5W 5% MET FILM	80-110005-11P
R164	Resistor 27K .5W 5% MET FILM	80-127025-11P
R165	Resistor 5K1 .5W 5% MET FILM	80-151015-11P
R166	Resistor 20K .5W 5% MET FILM	80-120025-11P
R167	Resistor 10K .5W 5% MET FILM	80-110025-11P
R168	CONTROL 5K SINGLE TURN CERMET	41-000370-09P
R169	Resistor 470R .5W 5% MET FILM	80-147005-11P
R170	Resistor 4R7 .5W 5% MET FILM	80-147085-11P
R171	Resistor 100R .5W 5% MET FILM	80-110005-11P
R172	Resistor 20K .5W 5% MET FILM	80-120025-11P
R173	Resistor 5K1 .5W 5% MET FILM	80-151015-11P
R174	Resistor 20K .5W 5% MET FILM	80-120025-11P
R175	Resistor 10K .5W 5% MET FILM	80-110025-11P
R176	CONTROL 5K SINGLE TURN CERMET	41-000370-09P
R177	Resistor 470R .5W 5% MET FILM	80-147005-11P
R178	Resistor 4R7 .5W 5% MET FILM	80-147085-11P
R179	Resistor 100R .5W 5% MET FILM	80-110005-11P
R180	Resistor 27K .5W 5% MET FILM	80-127025-11P
R181	Resistor 5K1 .5W 5% MET FILM	80-151015-11P
R182	Resistor 20K .5W 5% MET FILM	80-120025-11P
R183	Resistor 10K .5W 5% MET FILM	80-110025-11P
R184	CONTROL 5K SINGLE TURN CERMET	41-000370-09P
R185	Resistor 470R .5W 5% MET FILM	80-147005-11P
R186	Resistor 4R7 .5W 5% MET FILM	80-147085-11P
R187	Resistor 100R .5W 5% MET FILM	80-110005-11P
R188	Resistor 20K .5W 5% MET FILM	80-120025-11P
R189	Resistor 5K1 .5W 5% MET FILM	80-151015-11P
R190	Resistor 20K .5W 5% MET FILM	80-120025-11P
R191	Resistor 10K .5W 5% MET FILM	80-110025-11P
R192	CONTROL 5K SINGLE TURN CERMET	41-000370-09P
R193	Resistor 470R .5W 5% MET FILM	80-147005-11P
R194	Resistor 4R7 .5W 5% MET FILM	80-147085-11P

Keystone Module (02-270013-01P / 03-270013-01P) - continued

ID	Description	Electrohome #
R1	Resistor 47K .5W 5% MET FILM	80-147025-11P
R2	Resistor 1K .5W 5% MET FILM	80-110015-11P
R3	Resistor 3R 5W NI	42-113075-02P
R5	Resistor 10K .5W 5% MET FILM	80-110025-11P
R6	Resistor 4K7 .5W 5% MET FILM	80-147015-11P
R7	Resistor 4K7 .5W 5% MET FILM	80-147015-11P
R8	Resistor 4K7 .5W 5% MET FILM	80-147015-11P
R9	Resistor 27K .5W 5% MET FILM	80-127025-11P
R10	Resistor 160K .5W 5% MET FILM	80-116035-11P
R11	Resistor 3K3 .5W 5% MET FILM	80-133015-11P
R12	Resistor 47K 1W 5%	40-424735-01P
R13	Resistor 10R .5W 5% MET FILM	80-110095-11P
ZD1	Diode Zener 1N5247 17V 5% 5W	14-000531-37P

**Power Deflection
Module**
Power Deflection Module (02-270003-05P/06P / 03-270003-02P/06P)

ID	Description	Electrohome #
C1	Capacitor CER DISC Z5U 180P 1KV 20%	46-518121-72P
C2	Capacitor MLR-Z5U 100N 50V 20% 01	85-170308-01P
C3	Capacitor CER DISC Z5U 10N 2KV 20%	46-500003-01P
C4	Capacitor CER DISC N470 20P 2KV 10%	46-500005-01P
C5	Capacitor PCR-MET 2U2 250V 5% 12	85-080001-01P
C6	Capacitor PCR-MET 2U2 250V 5% 12	85-080001-01P
C7	Capacitor MLR-Z5U 100N 50V 20% 01	85-170308-01P
C8	Capacitor MLR-Z5U 100N 50V 20% 01	85-170308-01P
C9	Capacitor CRR-Y5P 1N0 100V 10% 01	85-201010-01P
C10	Capacitor CRR-NPO 120PF 100V 2% 01	85-110009-01P
C11	Capacitor CRR-Y5P 1N0 100V 10% 01	85-201010-01P
C12	Capacitor MYR---5 1U0 50V 10% 04	85-103108-04P
C13	Capacitor ELR-MIN 4U7 50V 20% 01	85-010508-01P
C14	Capacitor MLR-Z5U 100N 50V 20% 01	85-170308-01P
C15	Capacitor 10NF 100V BOX TYPE	88-171031-12P
C16	Capacitor ELR-MIN 2M2 16V 20% 09	85-010005-01P
C17	Capacitor MYR---5 1U0 50V 10% 04	85-103108-04P
C18	Capacitor MLR-Z5U 100N 50V 20% 01	85-170308-01P
C19	Capacitor CRR-Y5P 1N0 100V 10% 01	85-201010-01P
C20	Capacitor MYR---5 1U0 50V 10% 04	85-103108-04P
C21	Capacitor ELR-MIN 2M2 16V 20% 09	85-010005-01P
C22	Capacitor 10NF 100V BOX TYPE	88-171031-12P
C23	Capacitor MYR---5 1U0 50V 10% 04	85-103108-04P
C24	Capacitor MLR-Z5U 100N 50V 20% 01	85-170308-01P
C25	Capacitor MYR---5 470N 63V 5% 04	85-100006-01P
C26	Capacitor MLR-Z5U 100N 50V 20% 01	85-170308-01P
C27	Capacitor ELR-MIN 4U7 50V 20% 01	85-010508-01P
C28	Capacitor MLR-Z5U 100N 50V 20% 01	85-170308-01P
C29	Capacitor CRR-NPO 47P 100V 2% 01	85-111810-01P

Sub-convergence PCB (part of 02-270007-04P / 03-270007-03P) - cont ...

ID	Description	Electrohome #
R195	Resistor 100R .5W 5% MET FILM	80-110005-11P
R196	Resistor 27K .5W 5% MET FILM	80-127025-11P
R197	Resistor 5K1 .5W 5% MET FILM	80-151015-11P
R198	Resistor 20K .5W 5% MET FILM	80-120025-11P
R199	Resistor 10K .5W 5% MET FILM	80-110025-11P
R200	CONTROL 5K SINGLE TURN CERMET	41-000370-09P
R201	Resistor 470R .5W 5% MET FILM	80-147005-11P
R202	Resistor 4R7 .5W 5% MET FILM	80-147085-11P
R203	Resistor 100R .5W 5% MET FILM	80-110005-11P
R204	Resistor 20K .5W 5% MET FILM	80-120025-11P
R205	Resistor 5K1 .5W 5% MET FILM	80-151015-11P
R206	Resistor 20K .5W 5% MET FILM	80-120025-11P
R207	Resistor 10K .5W 5% MET FILM	80-110025-11P
R208	CONTROL 5K SINGLE TURN CERMET	41-000370-09P
R209	Resistor 470R .5W 5% MET FILM	80-147005-11P
R210	Resistor 4R7 .5W 5% MET FILM	80-147085-11P

Fan/Filter Assembly ►*Fan/Filter Assembly (03-201044-02P)*

ID	Description	Electrohome #
C1	Capacitor ELR-MIN 470UF 16V 20%	85-010007-01P
P1	Header LOCKING	34-000813-02P
R1	Resistor 30R .5W 5% MET FILM	80-130095-11P

**Horizontal
Deflection
Module ►***Horizontal Deflection Module (02-270005-04P/03-270005-04P)*

ID	Description	Electrohome #
C1	Capacitor ELR-MIN 100U 25V 20% 02	85-011005-02P
C2	Capacitor ELR-MIN 10U 50V 20% 01	85-010608-01P
C5	Capacitor MLR-Z5U 100N 50V 20% 01	85-170308-01P
C6	Capacitor MLR-Z5U 100N 50V 20% 01	85-170308-01P
C7	Capacitor MLR-Z5U 100N 50V 20% 01	85-170308-01P
C8	Capacitor MLR-Z5U 100N 50V 20% 01	85-170308-01P
C9	Capacitor MLR-Z5U 100N 50V 20% 01	85-170308-01P
C10	Capacitor MLR-Z5U 100N 50V 20% 01	85-170308-01P
C11	Capacitor MLR-Z5U 100N 50V 20% 01	85-170308-01P
C12	Capacitor ELR-MIN 4U7 50V 20% 01	85-010508-01P
C14	Capacitor TTR-MIN 68U 16V 10%	85-060003-01P
C15	Capacitor MLC-NPO RD 1N0 50V 1%	85-131408-01P
C16	Capacitor MLC-NPO RD 1N0 50V 1%	85-131408-01P
C17	Capacitor MLC-NPO RD 1N0 50V 1%	85-131408-01P
C19	Capacitor CER DISC Z5P 1N0 500V 10%	86-310213-02P
C20	Capacitor MLR-Z5U 470N 50V 20% 01	85-170708-02P
C21	Capacitor MLR-Z5U 470N 50V 20% 01	85-170708-02P
C22	Capacitor MLR-Z5U 470N 50V 20% 01	85-170708-02P

**IR Sensor
Assembly****IR Sensor Assembly (02-260021-03P / 03-800944-01P)**

ID	Description	Electrohome #
	Cap	35-005569-01P
	Harness	34-001265-01P
	Insulator (between bottom of PCB & shield)	39-001628-01P
	Mesh	35-005572-01P
	Shield - Outer	35-005570-01P
	Washer - Fibre od.78xid.43	33-000041-39P
C1	Capacitor MLR-Z5U 220N 50V 20% 01	85-170508-01P
C2	Capacitor CRS-X7R 10N 50V 10% 0805	85-162104-01P
C3	Capacitor CRS-X7R 22N 50V 10% 0805	85-162504-01P
C4	Capacitor CRS-X7R 100N 50V 10% 0805	85-163304-01P
C5	Capacitor CRS-X7R 100N 50V 10% 0805	85-163304-01P
C6	Capacitor CRS-X7R 4N7 50V 10% 0805	85-161704-01P
C7	Capacitor CRS-X7R 47N 50V 10% 0805	85-162904-01P
C8	Capacitor CRS-NPO 220P 50V 1% 0805	85-152907-01P
C9	Capacitor CRS-NPO 330P 50V 1% 0805	85-153107-01P
C10	Capacitor CRS-NPO 150P 50V 1% 0805	85-152707-01P
C11	Capacitor CRS-X7R 100N 50V 10% 0805	85-163304-01P
C12	Capacitor CRS-X7R 2N2 50V 10% 0805	85-161304-01P
C14	Capacitor CRS-NPO 4P7 50V 1/4 0805	85-150907-01P
D1	Diode BPW41 INFRA-RED RECEIVER	14-001018-01P
D2	Diode 1N914 A .075A 75V T	14-000513-01P
D3	Diode 1N914 A .075A 75V T	14-000513-01P
L1	Coil 1.5MH Tuneable	21-001514-01P
L2	Coil 1.5MH Tuneable	21-001514-01P
Q1	Transistor 2N7000 TMOS SS 60V .2A	14-A00705-01P
R1	Resistor SM 47R 1/10W 5%	70-547093-20P
R2	Resistor SM 10K 1/10W 5%	70-510023-20P
U1	IC LM78L05ACZ LIN REG 5V POS	14-002814-02P
U2	IC SM TDA3047-INFARED RECEIVER	72-A03045-01P

**Keystone
Module****Keystone Module (02-270013-01P / 03-270013-01P)**

ID	Description	Electrohome #
C1	Capacitor ELR-MIN 10UF 250V 20%	85-010003-01P
C2	Capacitor ELR-MIN 10U 50V 20%	85-010608-01P
D1	Diode .25MA 150V LOW CAP	14-000513-10P
D2	Diode .25MA 150V LOW CAP	14-000513-10P
D3	Diode .25MA 150V LOW CAP	14-000513-10P
D4	Diode 1N914 A .075A 75V T	14-000513-01P
D5	Diode 1N914 A .075A 75V T	14-000513-01P
P1	Header SQ Pin .156	34-000820-06P
P3	Pin Radio .093	34-000490-01P
Q1	Transistor IRF520 HEXFET	14-A00701-01P
Q2	Transistor 2N3904 40V .2A 35W NPN	14-000881-06P
Q3	Transistor 2N3906 SMALL SIGNAL	14-000873-82P
Q4	Transistor IRF9630 200V HEXFET	14-A00706-01P
Q5	Transistor S2530A 400V 8A 100W NPN	14-000674-10P

Horiz. Deflection Module (02-270005-04P/03-270005-04P) - continued ...

ID	Description	Electrohome #
C23	Capacitor ELR-MIN 10U 50V 20% 01	85-010608-01P
C24	Capacitor ELR-MIN 10U 50V 20% 01	85-010608-01P
C26	Capacitor ELR-MIN 10U 50V 20% 01	85-010608-01P
C27	Capacitor ELR-MIN 10U 50V 20% 01	85-010608-01P
C29	Capacitor MYR---5 1U0 50V 10% 04	85-103108-04P
C30	Capacitor MICA 68P 500V 5%	47-046805-01P
C31	Capacitor ELR-MIN 2U2 50V 20% 01	85-010002-01P
C32	Capacitor MLR-NPO 220P 100V 5% 01	85-130910-01P
C33	Capacitor ELR-MIN 47U 25V 20% 01	85-010905-01P
C34	Capacitor ELR-MIN 47U 25V 20% 01	85-010905-01P
C35	Capacitor MLR-Z5U 220N 50V 20% 01	85-170508-01P
C36	Capacitor MLR-NPO 3N9 50V 1% 01	85-131808-01P
C37	Capacitor ELR-MIN 220U 25V 20% 03	85-011105-04P
C38	Capacitor MYR---5 220N 50V 10% 01	85-102308-01P
C39	Capacitor MYR---5 220N 50V 10% 01	85-102308-01P
C40	Capacitor MLR-Z5U 470N 50V 20% 01	85-170708-02P
C41	Capacitor MLR-NPO 1N5 50V 1% 01	85-130004-01P
C42	Capacitor ELR-MIN 10U 50V 20% 01	85-010608-01P
C45	Capacitor MLR-Z5U 10N 100V 20% 01	85-170108-01P
C48	Capacitor MLR-Z5U 10N 100V 20% 01	85-170108-01P
C49	Capacitor MLR-Z5U 10N 100V 20% 01	85-170108-01P
C51	Capacitor CER MLC X7R 1N0 50V 20%	89-000032-05P
C52	Capacitor MLR-Z5U 47N 50V 20% 01	85-170208-01P
C53	Capacitor MLR-NPO 22N 50V 5% 02	85-132308-02P
C55	Capacitor ELR-MIN 10U 50V 20% 01	85-010608-01P
C56	Capacitor ELR-MIN 10U 50V 20% 01	85-010608-01P
C58	Capacitor CRR-NPO 100P 100V 2% 01	85-112210-01P
C60	Capacitor CRR-NPO 82PF 100V 2% 01	85-110005-01P
C66	Capacitor 10NF 100V BOX TYPE	88-171031-12P
C68	Capacitor MYR---5 6N8 100V 10% 01	85-100918-01P
C69	Capacitor MLR-Z5U 100N 50V 20% 01	85-170308-01P
C70	Capacitor MLR-Z5U 100N 50V 20% 01	85-170308-01P
C71	Capacitor MLR-Z5U 100N 50V 20% 01	85-170308-01P
C72	Capacitor MLR-Z5U 100N 50V 20% 01	85-170308-01P
C73	Capacitor MLR-NPO 150PF 100V 5% 01	85-130003-01P
C74	Capacitor ELR-MIN 10U 50V 20% 01	85-010608-01P
C75	Capacitor MYR---5 1U0 50V 10% 04	85-103108-04P
C76	Capacitor MYR---5 1U0 50V 10% 04	85-103108-04P
C77	Capacitor MLR-Z5U 100N 50V 20% 01	85-170308-01P
C78	Capacitor MLR-Z5U 100N 50V 20% 01	85-170308-01P
C81	Capacitor MYR---5 330N 63V 10% 03	85-102509-03P
C83	Capacitor ELR-MIN 470UF 16V 20% 05	85-010007-01P
C84	Capacitor 10NF 100V BOX TYPE	88-171031-12P
C86	Capacitor MLR-Z5U 100N 50V 20% 01	85-170308-01P
C87	Capacitor MLR-NPO 3N9 50V 1% 01	85-131808-01P
C88	Capacitor MLC-NPO RD 1N0 50V 1%	85-131408-01P

Horiz. Deflection Module (02-270005-04P/03-270005-04P) - continued ...

ID	Description	Electrohome #
R159	Resistor 12K1 1/3W 1%	82-312121-29P
R160	Resistor 4K7 .5W 5% MET FILM	80-147015-11P
R161	Resistor 2K7 .5W 5% MET FILM	80-127015-11P
R162	Resistor 2K0 .33W 1%	82-320011-29P
R164	Resistor 4K7 .5W 5% MET FILM	80-147015-11P
R165	Resistor 6K2 .5W 5% MET FILM	80-162015-11P
R166	Resistor 10K .5W 5% MET FILM	80-110025-11P
R167	Resistor 7K5 .5W 5% MET FILM	80-175015-11P
R168	Resistor 47K .5W 5% MET FILM	80-147025-11P
R169	Resistor 4K7 .5W 5% MET FILM	80-147015-11P
R170	Resistor 4K7 .5W 5% MET FILM	80-147015-11P
R171	Resistor 1K .5W 5% MET FILM	80-110015-11P
R172	Resistor 22K .5W 5% MET FILM	80-122025-11P
R173	Resistor 1K .5W 5% MET FILM	80-110015-11P
R174	Resistor 1K .5W 5% MET FILM	80-110015-11P
R178	Resistor 10K .5W 5% MET FILM	80-110025-11P
R179	Resistor 10K .5W 5% MET FILM	80-110025-11P
R180	Resistor 12K1 1/3W 1%	82-312121-29P
R181	Resistor 5K23 1/3W 1%	82-352311-29P
R182	Resistor 6K19 .33W 1%	82-361911-29P
R183	Resistor 4K7 .5W 5% MET FILM	80-147015-11P
R184	Resistor 12K1 1/3W 1%	82-312121-29P
R185	Resistor 9K09 1/3W 1%	82-390911-29P
R186	Resistor 4K12 .33W 1%	82-341211-29P
R187	Resistor 20K .5W 5% MET FILM	80-120025-11P
R188	Resistor 30K .5W 5% MET FILM	80-130025-11P
R190	Resistor 240K .5W 5% MET FILM	80-124035-11P
TC2	THERMISTOR 20K 2%	42-000079-10P
TC3	THERMISTOR PRECISION 100K	42-000079-08P
TC4	THERMISTOR 20K 2%	42-000079-10P
TP3-7	Header .1CTR STRAIGHT S ROW	34-000955-01P
ZD1	Diode Zener 1N5235B 6.8V 5%	14-000531-32P
ZD4	Diode Zener 1N5245B 15V .5W	14-000530-38P
ZD5	Diode Zener 1N5231C 5.1V 2%	14-000515-98P

Horiz. Deflection Module (02-270005-04P/03-270005-04P) - continued ...

ID	Description	Electrohome #
C89	Capacitor MYR---5 2N2 100V 10% 01	85-100308-01P
C90	Capacitor MLR-Z5U 100N 50V 20% 01	85-170308-01P
C91	Capacitor MLR-Z5U 100N 50V 20% 01	85-170308-01P
C92	Capacitor ELEC 22U 25V 20%	84-422004-01P
C93	Capacitor MYR---5 1U0 50V 10% 04	85-103108-04P
C94	Capacitor MLR-NPO 1N5 50V 1% 01	85-130004-01P
C95	Capacitor MLR-NPO 1N5 50V 1% 01	85-130004-01P
C96	Capacitor ELR--NP 47U 10V 20% 02	85-030902-02P
C97	Capacitor CRR-NPO 100P 100V 2% 01	85-112210-01P
C98	Capacitor MLR-Z5U 100N 50V 20% 01	85-170308-01P
C99	Capacitor MLR-Z5U 100N 50V 20% 01	85-170308-01P
C101	Capacitor MLR-Z5U 100N 50V 20% 01	85-170308-01P
C102	Capacitor MLR-Z5U 100N 50V 20% 01	85-170308-01P
C103	Capacitor MLR-NPO 470P 100V 5% 01	85-131210-01P
D1-17	Diode 1N914 A .075A 75V T	14-000513-01P
D18	Diode REC 1N4003 1A 200V	14-000525-53P
IC1	IC 74HC4538 DUAL MONO MULTIVIB	14-A04041-01P
IC2	IC 74HC74 DUAL KD-FF W/PRE+CLR	14-A04007-01P
IC3	IC 74LS393N DUAL 8 BIT DIG	14-004688-01P
IC4	IC 74HC00 QUAD 2-I/P NAND	14-A04001-01P
IC5	IC 74HC14 SCHMITT INVERTER	14-A04073-01P
IC6	IC CD4066B QUAD BILATERAL SW	14-A03008-01P
IC8	IC MC14046B PHASE LOCKED LOOP	14-A02006-02P
IC9	IC TLC555C TIMING CIRCUIT	14-A04069-01P
IC10	IC 74HC4538 DUAL MONO MULTIVIB	14-A04041-01P
IC11	IC 74LS86 QUAD EX-OR GATE	14-004620-01P
IC12	IC 74HC4538 DUAL MONO MULTIVIB	14-A04041-01P
IC14	IC 74HC123 DUAL MONO MULTIVIB	14-A04062-01P
IC16	IC MC14538B DUAL MONO MULTIVIB	14-A04041-02P
IC17	IC TDA2595 LIN HORIZ COMB	14-002824-01P
IC18	IC TL084 LIN OP-AMP QUAD	14-002105-01P
IC19	IC CA339 LIN COMP QUAD-VOLT	14-002154-01P
IC20	IC MC14538B DUAL MONO MULTIVIB	14-A04041-02P
IC21	IC TL084 LIN OP-AMP QUAD	14-002105-01P
IC22	IC DG307CJ ANALOG SWITCH	14-A03009-01P
IC23	IC TL082BC LIN AMP OP	14-002813-09P
IC24	IC L200 LIN REG ADJ VOLT	14-002088-01P
IC25	IC TL431C REG PREC SHUNT	14-002833-01P
IC26	IC TL431C REG PREC SHUNT	14-002833-01P
IC27	IC LM322 PRECISION TIME	14-002168-01P
IC28	IC LM322 PRECISION TIME	14-002168-01P
IC30	IC TL431C REG PREC SHUNT	14-002833-01P
LD1	LED GREEN 3V .09A	14-001005-02P
LD2	LED YELLOW 3V .06A	14-001005-03P
LD3	LED YELLOW 3V .06A	14-001016-03P

Horiz. Deflection Module (02-270005-04P/03-270005-04P) - continued ...

ID	Description	Electrohome #
R86	Carbon Trim Pot 50K	41-000344-13P
R87	Carbon Trim Pot 50K	41-000344-13P
R88	Resistor 5K6 .5W 5% MET FILM	80-156015-11P
R89	Resistor 62K .5W 5% MET FILM	80-162025-11P
R90	Resistor 39K .5W 5% MET FILM	80-139025-11P
R91	Resistor 470R .5W 5% MET FILM	80-147005-11P
▲ R92	Resistor 300R .5W 5% MET FILM	80-130005-11P
R93	Carbon Trim Pot 500R	41-000344-06P
R94	Resistor 2K7 .5W 5% MET FILM	80-127015-11P
R96	Resistor 3K6 .5W 5% MET FILM	80-136015-11P
R98	Carbon Trim Pot 10K	41-000344-40P
▲ R99	Resistor 82R 2W 5%	42-000134-04P
R100	Resistor 10K .5W 5% MET FILM	80-110025-11P
R101	Resistor 10K .5W 5% MET FILM	80-110025-11P
R102	Resistor 10K .5W 5% MET FILM	80-110025-11P
R104	Resistor 10K .5W 5% MET FILM	80-110025-11P
R108	Resistor 4K7 .5W 5% MET FILM	80-147015-11P
R109	Resistor 3K6 .5W 5% MET FILM	80-136015-11P
R110	Resistor 680K .5W 5% MET FILM	80-168035-11P
R111	Resistor 56K .5W 5% MET FILM	80-156025-11P
R112	Resistor 39K .5W 5% MET FILM	80-139025-11P
R113	Resistor 27K .5W 5% MET FILM	80-127025-11P
R117	Resistor 56K .5W 5% MET FILM	80-156025-11P
R118	Resistor 47K .5W 5% MET FILM	80-147025-11P
R120	Resistor 75R .5W 5% MET FILM	80-175095-11P
R121	Resistor 5K1 .5W 5% MET FILM	80-151015-11P
R122	Resistor 5K1 .5W 5% MET FILM	80-151015-11P
R123	Resistor 470K MET FILM	80-147035-11P
R126	Resistor 1M5 .5W 5% MET FILM	80-115045-11P
R127	Resistor 2M2 .5W 5% MET FILM	80-122045-11P
R128	Resistor 2M2 .5W 5% MET FILM	80-122045-11P
R129	Resistor 47R .5W 5% MET FILM	80-147095-11P
R133	Resistor 36K .5W 5% MET FILM	80-136025-11P
R138	Resistor 1K .5W 5% MET FILM	80-110015-11P
R141	Resistor 100R .5W 5% MET FILM	80-110005-11P
▲ R144	Resistor 1R .5W MET FILM	80-110085-11P
R149	Resistor 2K0 .33W 1%	82-320011-29P
R150	Resistor 1K21 .33W 1%	82-312111-29P
R151	Carbon Trim Pot 2K	41-000344-08P
R152	Resistor 16K .5W 5% MET FILM	80-116025-11P
R153	Resistor 4K7 .5W 5% MET FILM	80-147015-11P
R154	Resistor 100K .5W 5% MET FILM	80-110035-11P
R155	Resistor 3K32 .33W 1%	82-333211-29P
R156	Resistor 9K09 1/3W 1%	82-390911-29P
R157	Resistor 10M .25W 5%	40-121065-31P
R158	Resistor 22K .5W 5% MET FILM	80-122025-11P

Horiz. Deflection Module (02-270005-04P/03-270005-04P) - continued ...

ID	Description	Electrohome #
P1	Connector 64 Pin RA PLUG DIN	34-001057-02P
Q1	Transistor 2N3904 40V .2A 35W NPN	14-000881-06P
Q2	Transistor BC238B NPN AMP	14-000723-01P
Q3	Transistor 2N3904 40V .2A 35W NPN	14-000881-06P
Q4	Transistor 2N3904 40V .2A 35W NPN	14-000881-06P
Q5	Transistor 2N7000 TMOS SS 60V .2A	14-A00705-01P
Q6	Transistor 2N3904 40V .2A 35W NPN	14-000881-06P
Q7	Transistor 2N3906 SMALL SIGNAL	14-000873-82P
Q8	Transistor IRFD1Z0 10 Pin HEXFET	14-A00700-01P
Q9	Transistor TIP29B 80V 1A 2W NPN B	14-000966-23P
Q10	Transistor 2N3904 40V .2A 35W NPN	14-000881-06P
Q11	Transistor 2N3904 40V .2A 35W NPN	14-000881-06P
Q12	Transistor 2N3904 40V .2A 35W NPN	14-000881-06P
Q13	Transistor 2N3904 40V .2A 35W NPN	14-000881-06P
Q14	Transistor 2N3904 40V .2A 35W NPN	14-000881-06P
Q16	Transistor 2N3906 SMALL SIGNAL	14-000873-82P
Q17	Transistor 2N3906 SMALL SIGNAL	14-000873-82P
Q18	Transistor 2N7000 TMOS SS 60V .2A	14-A00705-01P
R1	Resistor 10R .5W 5% MET FILM	80-110095-11P
R3	Resistor 47K .5W 5% MET FILM	80-147025-11P
R4	Resistor 47K .5W 5% MET FILM	80-147025-11P
R5	Resistor 47K .5W 5% MET FILM	80-147025-11P
R6	Resistor 47K .5W 5% MET FILM	80-147025-11P
R7	Resistor 47K .5W 5% MET FILM	80-147025-11P
R8	Resistor 47K .5W 5% MET FILM	80-147025-11P
R9	Resistor 10K .5W 5% MET FILM	80-110025-11P
R10	Resistor 10K .5W 5% MET FILM	80-110025-11P
R11	Resistor 10K .5W 5% MET FILM	80-110025-11P
R12	Resistor 10K .5W 5% MET FILM	80-110025-11P
R13	Resistor 10K .5W 5% MET FILM	80-110025-11P
R14	Resistor 10K .5W 5% MET FILM	80-110025-11P
R15	Resistor 10K .5W 5% MET FILM	80-110025-11P
R16	Resistor 10K .5W 5% MET FILM	80-110025-11P
R17	Resistor 10K .5W 5% MET FILM	80-110025-11P
R18	Resistor 6K8 .5W 5% MET FILM	80-168015-11P
R19	Resistor 10K .5W 5% MET FILM	80-110025-11P
R20	Resistor 10K .5W 5% MET FILM	80-110025-11P
R21	Resistor 10K .5W 5% MET FILM	80-110025-11P
R22	Resistor 10K .5W 5% MET FILM	80-110025-11P
R23	Resistor 10K .5W 5% MET FILM	80-110025-11P
R24	Resistor 10K .5W 5% MET FILM	80-110025-11P
R25	Resistor 6K8 .5W 5% MET FILM	80-168015-11P
R26	Resistor 8K2 .5W 5% MET FILM	80-182015-11P
R27	Resistor 10K .5W 5% MET FILM	80-110025-11P
R28	Resistor 47R .5W 5% MET FILM	80-147095-11P
R30	Resistor 1K .5W 5% MET FILM	80-110015-11P

Horiz. Deflection Module (02-270005-04P/03-270005-04P) - continued ...

ID	Description	Electrohome #
R31	Resistor 1K .5W 5% MET FILM	80-110015-11P
R34	Resistor 10K .5W 5% MET FILM	80-110025-11P
R36	Resistor 100K .5W 5% MET FILM	80-110035-11P
R37	Resistor 100K .5W 5% MET FILM	80-110035-11P
R38	Resistor 100K .5W 5% MET FILM	80-110035-11P
R39	Resistor 100K .5W 5% MET FILM	80-110035-11P
R42	Resistor 100K .5W 5% MET FILM	80-110035-11P
▲ R44	Resistor 680R .5W 5% MET FILM	80-168005-11P
R45	Resistor 1K5 .5W 5% MET FILM	80-115015-11P
R46	Resistor 27K .5W 5% MET FILM	80-127025-11P
R47	Resistor 4K7 .5W 5% MET FILM	80-147015-11P
R48	Resistor 4K7 .5W 5% MET FILM	80-147015-11P
R49	Resistor 4K7 .5W 5% MET FILM	80-147015-11P
R50	Resistor 2K2 .5W 5% MET FILM	80-122015-11P
R51	Resistor 10K .5W 5% MET FILM	80-110025-11P
R52	Resistor 4K7 .5W 5% MET FILM	80-147015-11P
R53	Resistor 4K7 .5W 5% MET FILM	80-147015-11P
R54	Resistor 4K7 .5W 5% MET FILM	80-147015-11P
R55	Resistor 4K7 .5W 5% MET FILM	80-147015-11P
R56	Resistor 4K7 .5W 5% MET FILM	80-147015-11P
R57	Resistor 100K .5W 5% MET FILM	80-110035-11P
R58	Resistor 180K .5W 5% MET FILM	80-118035-11P
R59	Resistor 75K .5W	80-175025-11P
R60	Resistor 180K .5W 5% MET FILM	80-118035-11P
R61	Resistor 6K19 .33W 1%	82-361911-29P
R62	Resistor 6K19 .33W 1%	82-361911-29P
R63	Resistor 1M .5W 5% MET FILM	80-110045-11P
R64	Resistor 68K .5W 5% MET FILM	80-168025-11P
R65	Resistor 51K .5W 5% MET FILM	80-151025-11P
R66	Carbon Trim Pot 10K 72PR10K	41-000344-10P
R67	Carbon Trim Pot 10K 72PR10K	41-000344-10P
R68	Resistor 47R .5W 5% MET FILM	80-147095-11P
R69	Resistor 12K .5W 5% MET FILM	80-112025-11P
R70	Resistor 10K .5W 5% MET FILM	80-110025-11P
R71	Resistor 2K2 .5W 5% MET FILM	80-122015-11P
R72	Resistor 8K2 .5W 5% MET FILM	80-182015-11P
R73	Resistor 15K .5W 5% MET FILM	80-115025-11P
R74	Resistor 330R .5W 5% MET FILM	80-133005-11P
R75	Resistor 220R .5W 5% MET FILM	80-122005-11P
R76	Resistor 680R .5W 5% MET FILM	80-168005-11P
R77	Resistor 12K1 1/3W 1%	82-312121-29P
R78	Resistor 4K12 .33W 1%	82-341211-29P
R79	Resistor 180K .5W 5% MET FILM	80-118035-11P
R80	Resistor 680K .5W 5% MET FILM	80-168035-11P
R81	Resistor 820R .5W 5% MET FILM	80-182005-11P
R82	Resistor 820R .5W 5% MET FILM	80-182005-11P

Horiz. Deflection Module (02-270005-04P/03-270005-04P) - continued ...

ID	Description	Electrohome #
R86	Carbon Trim Pot 50K	41-000344-13P
R87	Carbon Trim Pot 50K	41-000344-13P
R88	Resistor 5K6 .5W 5% MET FILM	80-156015-11P
R89	Resistor 62K .5W 5% MET FILM	80-162025-11P
R90	Resistor 39K .5W 5% MET FILM	80-139025-11P
R91	Resistor 470R .5W 5% MET FILM	80-147005-11P
▲ R92	Resistor 300R .5W 5% MET FILM	80-130005-11P
R93	Carbon Trim Pot 500R	41-000344-06P
R94	Resistor 2K7 .5W 5% MET FILM	80-127015-11P
R96	Resistor 3K6 .5W 5% MET FILM	80-136015-11P
R98	Carbon Trim Pot 10K	41-000344-40P
▲ R99	Resistor 82R 2W 5%	42-000134-04P
R100	Resistor 10K .5W 5% MET FILM	80-110025-11P
R101	Resistor 10K .5W 5% MET FILM	80-110025-11P
R102	Resistor 10K .5W 5% MET FILM	80-110025-11P
R104	Resistor 10K .5W 5% MET FILM	80-110025-11P
R108	Resistor 4K7 .5W 5% MET FILM	80-147015-11P
R109	Resistor 3K6 .5W 5% MET FILM	80-136015-11P
R110	Resistor 680K .5W 5% MET FILM	80-168035-11P
R111	Resistor 56K .5W 5% MET FILM	80-156025-11P
R112	Resistor 39K .5W 5% MET FILM	80-139025-11P
R113	Resistor 27K .5W 5% MET FILM	80-127025-11P
R117	Resistor 56K .5W 5% MET FILM	80-156025-11P
R118	Resistor 47K .5W 5% MET FILM	80-147025-11P
R120	Resistor 75R .5W 5% MET FILM	80-175095-11P
R121	Resistor 5K1 .5W 5% MET FILM	80-151015-11P
R122	Resistor 5K1 .5W 5% MET FILM	80-151015-11P
R123	Resistor 470K MET FILM	80-147035-11P
R126	Resistor 1M5 .5W 5% MET FILM	80-115045-11P
R127	Resistor 2M2 .5W 5% MET FILM	80-122045-11P
R128	Resistor 2M2 .5W 5% MET FILM	80-122045-11P
R129	Resistor 47R .5W 5% MET FILM	80-147095-11P
R133	Resistor 36K .5W 5% MET FILM	80-136025-11P
R138	Resistor 1K .5W 5% MET FILM	80-110015-11P
R141	Resistor 100R .5W 5% MET FILM	80-110005-11P
▲ R144	Resistor 1R .5W MET FILM	80-110085-11P
R149	Resistor 2K0 .33W 1%	82-320011-29P
R150	Resistor 1K21 .33W 1%	82-312111-29P
R151	Carbon Trim Pot 2K	41-000344-08P
R152	Resistor 16K .5W 5% MET FILM	80-116025-11P
R153	Resistor 4K7 .5W 5% MET FILM	80-147015-11P
R154	Resistor 100K .5W 5% MET FILM	80-110035-11P
R155	Resistor 3K32 .33W 1%	82-333211-29P
R156	Resistor 9K09 1/3W 1%	82-390911-29P
R157	Resistor 10M .25W 5%	40-121065-31P
R158	Resistor 22K .5W 5% MET FILM	80-122025-11P

Horiz. Deflection Module (02-270005-04P/03-270005-04P) - continued ...

ID	Description	Electrohome #
R159	Resistor 12K1 1/3W 1%	82-312121-29P
R160	Resistor 4K7 .5W 5% MET FILM	80-147015-11P
R161	Resistor 2K7 .5W 5% MET FILM	80-127015-11P
R162	Resistor 2K0 .33W 1%	82-320011-29P
R164	Resistor 4K7 .5W 5% MET FILM	80-147015-11P
R165	Resistor 6K2 .5W 5% MET FILM	80-162015-11P
R166	Resistor 10K .5W 5% MET FILM	80-110025-11P
R167	Resistor 7K5 .5W 5% MET FILM	80-175015-11P
R168	Resistor 47K .5W 5% MET FILM	80-147025-11P
R169	Resistor 4K7 .5W 5% MET FILM	80-147015-11P
R170	Resistor 4K7 .5W 5% MET FILM	80-147015-11P
R171	Resistor 1K .5W 5% MET FILM	80-110015-11P
R172	Resistor 22K .5W 5% MET FILM	80-122025-11P
R173	Resistor 1K .5W 5% MET FILM	80-110015-11P
R174	Resistor 1K .5W 5% MET FILM	80-110015-11P
R178	Resistor 10K .5W 5% MET FILM	80-110025-11P
R179	Resistor 10K .5W 5% MET FILM	80-110025-11P
R180	Resistor 12K1 1/3W 1%	82-312121-29P
R181	Resistor 5K23 1/3W 1%	82-352311-29P
R182	Resistor 6K19 .33W 1%	82-361911-29P
R183	Resistor 4K7 .5W 5% MET FILM	80-147015-11P
R184	Resistor 12K1 1/3W 1%	82-312121-29P
R185	Resistor 9K09 1/3W 1%	82-390911-29P
R186	Resistor 4K12 .33W 1%	82-341211-29P
R187	Resistor 20K .5W 5% MET FILM	80-120025-11P
R188	Resistor 30K .5W 5% MET FILM	80-130025-11P
R190	Resistor 240K .5W 5% MET FILM	80-124035-11P
TC2	THERMISTOR 20K 2%	42-000079-10P
TC3	THERMISTOR PRECISION 100K	42-000079-08P
TC4	THERMISTOR 20K 2%	42-000079-10P
TP3-7	Header .1CTR STRAIGHT S ROW	34-000955-01P
ZD1	Diode Zener 1N5235B 6.8V 5%	14-000531-32P
ZD4	Diode Zener 1N5245B 15V .5W	14-000530-38P
ZD5	Diode Zener 1N5231C 5.1V 2%	14-000515-98P

**IR Sensor
Assembly** ➤**IR Sensor Assembly (02-260021-03P / 03-800944-01P)**

ID	Description	Electrohome #
	Cap	35-005569-01P
	Harness	34-001265-01P
	Insulator (between bottom of PCB & shield)	39-001628-01P
	Mesh	35-005572-01P
	Shield - Outer	35-005570-01P
	Washer - Fibre od.78xid.43	33-000041-39P
C1	Capacitor MLR-Z5U 220N 50V 20% 01	85-170508-01P
C2	Capacitor CRS-X7R 10N 50V 10% 0805	85-162104-01P
C3	Capacitor CRS-X7R 22N 50V 10% 0805	85-162504-01P
C4	Capacitor CRS-X7R 100N 50V 10% 0805	85-163304-01P
C5	Capacitor CRS-X7R 100N 50V 10% 0805	85-163304-01P
C6	Capacitor CRS-X7R 4N7 50V 10% 0805	85-161704-01P
C7	Capacitor CRS-X7R 47N 50V 10% 0805	85-162904-01P
C8	Capacitor CRS-NPO 220P 50V 1% 0805	85-152907-01P
C9	Capacitor CRS-NPO 330P 50V 1% 0805	85-153107-01P
C10	Capacitor CRS-NPO 150P 50V 1% 0805	85-152707-01P
C11	Capacitor CRS-X7R 100N 50V 10% 0805	85-163304-01P
C12	Capacitor CRS-X7R 2N2 50V 10% 0805	85-161304-01P
C14	Capacitor CRS-NPO 4P7 50V 1/4 0805	85-150907-01P
D1	Diode BPW41 INFRA-RED RECEIVER	14-001018-01P
D2	Diode 1N914 A .075A 75V T	14-000513-01P
D3	Diode 1N914 A .075A 75V T	14-000513-01P
L1	Coil 1.5MH Tuneable	21-001514-01P
L2	Coil 1.5MH Tuneable	21-001514-01P
Q1	Transistor 2N7000 TMOS SS 60V .2A	14-A00705-01P
R1	Resistor SM 47R 1/10W 5%	70-547093-20P
R2	Resistor SM 10K 1/10W 5%	70-510023-20P
U1	IC LM78L05ACZ LIN REG 5V POS	14-002814-02P
U2	IC SM TDA3047-INFARED RECEIVER	72-A03045-01P

**Keystone
Module** ➤**Keystone Module (02-270013-01P / 03-270013-01P)**

ID	Description	Electrohome #
C1	Capacitor ELR-MIN 10UF 250V 20%	85-010003-01P
C2	Capacitor ELR-MIN 10U 50V 20%	85-010608-01P
D1	Diode .25MA 150V LOW CAP	14-000513-10P
D2	Diode .25MA 150V LOW CAP	14-000513-10P
D3	Diode .25MA 150V LOW CAP	14-000513-10P
D4	Diode 1N914 A .075A 75V T	14-000513-01P
D5	Diode 1N914 A .075A 75V T	14-000513-01P
P1	Header SQ Pin .156	34-000820-06P
P3	Pin Radio .093	34-000490-01P
Q1	Transistor IRF520 HEXFET	14-A00701-01P
Q2	Transistor 2N3904 40V .2A 35W NPN	14-000881-06P
Q3	Transistor 2N3906 SMALL SIGNAL	14-000873-82P
Q4	Transistor IRF9630 200V HEXFET	14-A00706-01P
Q5	Transistor S2530A 400V 8A 100W NPN	14-000674-10P

Keystone Module (02-270013-01P / 03-270013-01P) - continued

ID	Description	Electrohome #
R1	Resistor 47K .5W 5% MET FILM	80-147025-11P
R2	Resistor 1K .5W 5% MET FILM	80-110015-11P
R3	Resistor 3R 5W NI	42-113075-02P
R5	Resistor 10K .5W 5% MET FILM	80-110025-11P
R6	Resistor 4K7 .5W 5% MET FILM	80-147015-11P
R7	Resistor 4K7 .5W 5% MET FILM	80-147015-11P
R8	Resistor 4K7 .5W 5% MET FILM	80-147015-11P
R9	Resistor 27K .5W 5% MET FILM	80-127025-11P
R10	Resistor 160K .5W 5% MET FILM	80-116035-11P
R11	Resistor 3K3 .5W 5% MET FILM	80-133015-11P
R12	Resistor 47K 1W 5%	40-424735-01P
R13	Resistor 10R .5W 5% MET FILM	80-110095-11P
ZD1	Diode Zener 1N5247 17V 5% 5W	14-000531-37P

Power Deflection Module
Power Deflection Module (02-270003-05P/06P / 03-270003-02P/06P)

ID	Description	Electrohome #
C1	Capacitor CER DISC Z5U 180P 1KV 20%	46-518121-72P
C2	Capacitor MLR-Z5U 100N 50V 20% 01	85-170308-01P
C3	Capacitor CER DISC Z5U 10N 2KV 20%	46-500003-01P
C4	Capacitor CER DISC N470 20P 2KV 10%	46-500005-01P
C5	Capacitor PCR-MET 2U2 250V 5% 12	85-080001-01P
C6	Capacitor PCR-MET 2U2 250V 5% 12	85-080001-01P
C7	Capacitor MLR-Z5U 100N 50V 20% 01	85-170308-01P
C8	Capacitor MLR-Z5U 100N 50V 20% 01	85-170308-01P
C9	Capacitor CRR-Y5P 1N0 100V 10% 01	85-201010-01P
C10	Capacitor CRR-NPO 120PF 100V 2% 01	85-110009-01P
C11	Capacitor CRR-Y5P 1N0 100V 10% 01	85-201010-01P
C12	Capacitor MYR---5 1U0 50V 10% 04	85-103108-04P
C13	Capacitor ELR-MIN 4U7 50V 20% 01	85-010508-01P
C14	Capacitor MLR-Z5U 100N 50V 20% 01	85-170308-01P
C15	Capacitor 10NF 100V BOX TYPE	88-171031-12P
C16	Capacitor ELR-MIN 2M2 16V 20% 09	85-010005-01P
C17	Capacitor MYR---5 1U0 50V 10% 04	85-103108-04P
C18	Capacitor MLR-Z5U 100N 50V 20% 01	85-170308-01P
C19	Capacitor CRR-Y5P 1N0 100V 10% 01	85-201010-01P
C20	Capacitor MYR---5 1U0 50V 10% 04	85-103108-04P
C21	Capacitor ELR-MIN 2M2 16V 20% 09	85-010005-01P
C22	Capacitor 10NF 100V BOX TYPE	88-171031-12P
C23	Capacitor MYR---5 1U0 50V 10% 04	85-103108-04P
C24	Capacitor MLR-Z5U 100N 50V 20% 01	85-170308-01P
C25	Capacitor MYR---5 470N 63V 5% 04	85-100006-01P
C26	Capacitor MLR-Z5U 100N 50V 20% 01	85-170308-01P
C27	Capacitor ELR-MIN 4U7 50V 20% 01	85-010508-01P
C28	Capacitor MLR-Z5U 100N 50V 20% 01	85-170308-01P
C29	Capacitor CRR-NPO 47P 100V 2% 01	85-111810-01P

Power Defl. Module (02-270003-05P/06P / 03-270003-02P/06P) - cont ..

ID	Description	Electrohome #
C30	Capacitor MLR-Z5U 100N 50V 20% 01	85-170308-01P
C31	Capacitor ELR-MIN 100U 35V 20% 03	85-011006-03P
C32	Capacitor ELR-MIN 2M2 16V 20% 09	85-010005-01P
C33	Capacitor MYR---5 4N7 100V 10% 01	85-100710-01P
C34	Capacitor MYR---5 22N 50V 10% 01	85-101308-01P
C35	Capacitor MLR-Z5U 100N 50V 20% 01	85-170308-01P
C36	Capacitor ELR-MIN 100U 25V 20% 02	85-011005-02P
C37	Capacitor CRR-Y5P 680PF 100V 10% 01	85-200002-01P
C38	Capacitor MLR-Z5U 100N 50V 20% 01	85-170308-01P
C39	Capacitor ELR-MIN 2M2 16V 20% 09	85-010005-01P
C40	Capacitor CRR-NPO 4P7 100V 2% 01	85-110008-01P
C41	Capacitor CRR-NPO 4P7 100V 2% 01	85-110008-01P
D1	Diode REC BYV26 .5A 350V	14-000525-07P
D2	Diode REC BYV26 .5A 350V	14-000525-07P
D3	Diode BY584 A .002A 1800V T	14-000513-03P
D4	Diode BY584 A .002A 1800V T	14-000513-03P
D5	Diode REC BYV26 .5A 350V	14-000525-07P
D6	Diode REC BYV26 .5A 350V	14-000525-07P
D7	Diode 1N914 A .075A 75V T	14-000513-01P
D8	Diode 1N914 A .075A 75V T	14-000513-01P
D9	Diode 1N914 A .075A 75V T	14-000513-01P
D10	Diode 1N914 A .075A 75V T	14-000513-01P
D11	Diode 1N914 A .075A 75V T	14-000513-01P
D12	Diode 1N914 A .075A 75V T	14-000513-01P
D13	Diode 1N914 A .075A 75V T	14-000513-01P
D14	Diode 1N914 A .075A 75V T	14-000513-01P
D15	Diode 1N914 A .075A 75V T	14-000513-01P
D16	Diode 1N914 A .075A 75V T	14-000513-01P
D17	Diode 1N914 A .075A 75V T	14-000513-01P
D18	Diode 1N914 A .075A 75V T	14-000513-01P
D19	Diode 1N914 A .075A 75V T	14-000513-01P
D20	Diode 1N914 A .075A 75V T	14-000513-01P
D21	Diode 1N914 A .075A 75V T	14-000513-01P
D22	Diode 1N914 A .075A 75V T	14-000513-01P
D23	Diode 1N914 A .075A 75V T	14-000513-01P
D24	Diode REC 1N4003 1A 200V	14-000525-53P
D25	Diode 1N914 A .075A 75V T	14-000513-01P
D26	Diode REC 1N4003 1A 200V	14-000525-53P
D27	Diode REC 1N4003 1A 200V	14-000525-53P
IC1	IC M5216L DUAL LARGE CURRENT	14-002836-01P
IC2	IC TL431C REG PREC SHUNT	14-002833-01P
IC3	IC DS0026 5MHZ 2 PHASE MOS	14-003050-01P
IC4	IC TL082BC LIN AMP OP	14-002813-09P
L1	COIL WIDTH 10UH-30UH	21-001429-02P
L2	COIL LINEARITY LO BAND	21-001432-01P
L3	COIL WIDTH 2UH-10UH	21-001429-01P

Power Defl. Module (02-270003-05P/06P / 03-270003-02P/06P) - cont ..

ID	Description	Electrohome #
L4	COIL LINEARITY HI BAND	21-001431-01P
L5	Choke SMPS	24-161007-03P
P1	Connector 64 Pin RA PLUG DIN	34-001057-02P
P6	Header .156" STRAIGHT PIN5271	34-001038-08P
P7	Header SQ Pin .156	34-000965-06P
P8	Header .156" STRAIGHT PIN5271	34-001038-02P
Q1	Transistor 2N3906 SMALL SIGNAL	14-000873-82P
Q2	Transistor 2N3904 40V .2A 35W NPN	14-000881-06P
Q3	Transistor MPSW05 NPN	14-000887-01P
Q4	Transistor 2N3906 SMALL SIGNAL	14-000873-82P
Q5	Transistor MPSW05 NPN	14-000887-01P
Q6	Transistor MJE253 PNP 100V 4A	14-000988-02P
Q7	Transistor 2N3906 SMALL SIGNAL	14-000873-82P
Q8	Transistor 2N3906 SMALL SIGNAL	14-000873-82P
Q9	Transistor MPSA55 PNP	14-000889-02P
Q10	Transistor MJE243 NPN	14-000988-01P
Q11	Transistor 2N3906 SMALL SIGNAL	14-000873-82P
Q12	Transistor 2N3904 40V .2A 35W NPN	14-000881-06P
Q13	Transistor MPSW05 NPN	14-000887-01P
Q14	Transistor 2N3906 SMALL SIGNAL	14-000873-82P
Q15	Transistor MPSW05 NPN	14-000887-01P
Q16	Transistor MJE253 PNP 100V 4A	14-000988-02P
Q17	Transistor 2N3906 SMALL SIGNAL	14-000873-82P
Q18	Transistor 2N3906 SMALL SIGNAL	14-000873-82P
Q19	Transistor MPSA55 PNP	14-000889-02P
Q20	Transistor MJE243 NPN	14-000988-01P
Q21	Transistor MJE253 PNP 100V 4A	14-000988-02P
Q22	Transistor 2N3904 40V .2A 35W NPN	14-000881-06P
Q23	Transistor 2N3904 40V .2A 35W NPN	14-000881-06P
Q24	Transistor MPSW05 NPN	14-000887-01P
Q25	Transistor MPSW05 NPN	14-000887-01P
Q26	Transistor MPSA55 PNP	14-000889-02P
Q27	Transistor MJE243 NPN	14-000988-01P
Q28	Transistor MJE253 PNP 100V 4A	14-000988-02P
R1	Carbon Trim Pot 25K	41-000344-12P
R2	Carbon Trim Pot 100R	41-000344-04P
▲ R3	Resistor 1K0 .5W 5% CRIT SAFE	42-000125-12P
R4	Resistor 470K .5W 5% HV	80-247035-23P
R5	Resistor 330R 3W 5%	42-000143-05P
R6	Resistor 560R 3W 5%	42-000143-06P
▲ R7	Resistor 1K0 .5W 5% CRIT SAFE	42-000125-12P
R8	Resistor 82R .5W 5% MET FILM	80-182095-11P
R9	Resistor 82R .5W 5% MET FILM	80-182095-11P
R10	Resistor 1K1 MET FILM	80-111015-11P
R11	Resistor 47R 3W 5%	42-000143-02P
R12	Resistor 10M .5W 5%	80-210055-23P

Power Defl. Module (02-270003-05P/06P / 03-270003-02P/06P) - cont ..

ID	Description	Electrohome #
R13	Resistor 10R .5W 5% MET FILM	80-110095-11P
R14	Resistor 1K .5W 5% MET FILM	80-110015-11P
R15	Resistor 47R 3W 5%	42-000143-02P
R16	Resistor 10M .5W 5%	80-210055-23P
R17	Resistor 10R .5W 5% MET FILM	80-110095-11P
R18	Resistor 62K .5W 5% MET FILM	80-162025-11P
R19	Resistor 22K .5W 5% MET FILM	80-122025-11P
R20	Resistor 5K1 .5W 5% MET FILM	80-151015-11P
▲ R21	Resistor 4R7 .5W 5% MET FILM	80-147085-11P
R22	Resistor 1K5 .5W 5% MET FILM	80-115015-11P
R23	Resistor 1K .5W 5% MET FILM	80-110015-11P
▲ R24	Resistor 470R .5W 5% MET FILM	80-147005-11P
R25	Resistor 10R .5W 5% MET FILM	80-110095-11P
R26	Resistor 10R .5W 5% MET FILM	80-110095-11P
R27	Resistor 1K1 MET FILM	80-111015-11P
R28	Resistor 2K2 .5W 5% MET FILM	80-122015-11P
R29	Resistor 470R .5W 5% MET FILM	80-147005-11P
R30	Resistor 470R .5W 5% MET FILM	80-147005-11P
▲ R31	Resistor 1R .5W MET FILM	80-110085-11P
▲ R32	Resistor .82R 2W 5% CRIT SAFE	42-000134-01P
R33	Resistor 220R .5W 5% MET FILM	80-122005-11P
R34	Resistor 680R .5W 5% MET FILM	80-168005-11P
R35	Resistor 12R MET FILM	80-112095-11P
R36	Resistor 12R MET FILM	80-112095-11P
R37	Resistor 75R .5W 5% MET FILM	80-175095-11P
R38	Resistor 270R .5W 5% MET FILM	80-127005-11P
R39	Resistor 470R .5W 5% MET FILM	80-147005-11P
R40	Resistor 470R .5W 5% MET FILM	80-147005-11P
▲ R41	Resistor 1R .5W MET FILM	80-110085-11P
R42	Resistor 100R .5W 5% MET FILM	80-110005-11P
R43	Resistor 100R .5W 5% MET FILM	80-110005-11P
▲ R44	Resistor .82R 2W 5% CRIT SAFE	42-000134-01P
R45	Resistor 220R .5W 5% MET FILM	80-122005-11P
R46	Resistor 1K1 MET FILM	80-111015-11P
R47	Resistor 2K2 .5W 5% MET FILM	80-122015-11P
R48	Resistor 470R .5W 5% MET FILM	80-147005-11P
R49	Resistor 470R .5W 5% MET FILM	80-147005-11P
▲ R50	Resistor 1R .5W MET FILM	80-110085-11P
R51	Resistor 680R .5W 5% MET FILM	80-168005-11P
R52	Resistor 12R MET FILM	80-112095-11P
R53	Resistor 12R MET FILM	80-112095-11P
R54	Resistor 75R .5W 5% MET FILM	80-175095-11P
R55	Resistor 270R .5W 5% MET FILM	80-127005-11P
R56	Resistor 470R .5W 5% MET FILM	80-147005-11P
R57	Resistor 470R .5W 5% MET FILM	80-147005-11P
▲ R58	Resistor 1R .5W MET FILM	80-110085-11P

Power Defl. Module (02-270003-05P/06P / 03-270003-02P/06P) - cont ..

ID	Description	Electrohome #
R59	Resistor 100R .5W 5% MET FILM	80-110005-11P
R60	Resistor 100K .5W 5% MET FILM	80-110035-11P
R61	Resistor 24K .5W 5% MET FILM	80-124025-11P
R62	Resistor 2K2 .5W 5% MET FILM	80-122015-11P
R63	Resistor 820R .5W 5% MET FILM	80-182005-11P
R64	Resistor 240R MET FILM	80-124005-11P
R65	Resistor 16K .5W 5% MET FILM	80-116025-11P
R66	Resistor 82R .5W 5% MET FILM	80-182095-11P
R67	Resistor 1K .5W 5% MET FILM	80-110015-11P
▲ R68	Resistor 1R .5W MET FILM	80-110085-11P
▲ R69	Resistor 1R 1W 5% CRIT SAFE	42-000108-02P
▲ R70	Resistor 1R 1W 5% CRIT SAFE	42-000108-02P
R71	Resistor 100R .5W 5% MET FILM	80-110005-11P
R72	Resistor 5K1 .5W 5% MET FILM	80-151015-11P
R73	Resistor 820R .5W 5% MET FILM	80-182005-11P
R74	Carbon Trim Pot 2K	41-000344-08P
R75	Resistor 3K9 .5W 5% MET FILM	80-139015-11P
R76	Resistor 82K .5W 5% MET FILM	80-182025-11P
R77	Resistor 3K9 .5W 5% MET FILM	80-139015-11P
R78	Resistor 2K7 .5W 5% MET FILM	80-127015-11P
R79	Resistor 10R .5W 5% MET FILM	80-110095-11P
R80	Resistor 100R .5W 5% MET FILM	80-110005-11P
▲ R81	Resistor 1R .5W MET FILM	80-110085-11P
▲ R82	Resistor 1R .5W MET FILM	80-110085-11P
R83	Resistor 24K .5W 5% MET FILM	80-124025-11P
R84	Resistor 100R .5W 5% MET FILM	80-110005-11P
R85	Resistor 240K .5W 5% MET FILM	80-124035-11P
R86	Resistor 20K .5W 5% MET FILM	80-120025-11P
R87	Resistor 18K .5W 5% MET FILM	80-118025-11P
R88	Resistor 110K MET FILM	80-111035-11P
R89	Resistor 2K2 .5W 5% MET FILM	80-122015-11P
R90	Resistor 10R .5W 5% MET FILM	80-110095-11P
R91	Resistor 10R .5W 5% MET FILM	80-110095-11P
R92	Resistor 10R .5W 5% MET FILM	80-110095-11P
R93	Resistor 10R .5W 5% MET FILM	80-110095-11P
R94	Resistor 4K7 .5W 5% MET FILM	80-147015-11P
R95	Resistor 15R .5W 5% MET FILM	80-115095-11P
R96	Resistor 750R .5W 5% MET FILM	80-175005-11P
R97	Resistor 3K3 .5W 5% MET FILM	80-133015-11P
R98	Resistor 3K3 .5W 5% MET FILM	80-133015-11P
R99	Resistor 9K1 MET FILM	80-191015-11P
R100	Resistor 470R .5W 5% MET FILM	80-147005-11P
▲ R101	Resistor 1R .5W MET FILM	80-110085-11P
R102	Resistor 100R .5W 5% MET FILM	80-110005-11P
RL1	Relay DPDT 12VDC	25-000113-01P
ZD1	Diode Zener 1N4739A 9.1V 1W	14-000531-39P

MOSFET PCB ➤**MOSFET PCB (part of 02-270003-05P/06P / 03-270003-02P/06P)**

Note: In November 1995, the design of the MOSFET board changed due to component availability. The newer version board (included with Power Deflection Module #02-270003-06P/03-270003-06P) is not interchangeable with the older board (included with Power Deflection Module #02-270003-05P/03-270003-02P). It is important that all three MOSFET boards are the same, otherwise linearity problems may occur. If replacing an older version Power Deflection Module that has a good MOSFET board, use the old MOSFET board instead of the one supplied on the new Power Deflection Module. If you must replace an older version module with a completely new module (Power Deflection PCB and MOSFET PCB), the other two modules Power Deflection Modules should also be replaced.

MOSFET PCB (earlier version)

ID	Description	Electrohome #
C8	Capacitor PPR-MHI 3N3 1KV 5% 10	85-220005-01P
C9	Capacitor MYR---5 1U0 50V 10% 04	85-103108-04P
C10	Capacitor MYR---5 220N 50V 10% 01	85-102308-01P
C11	Capacitor MYR---5 220N 50V 10% 01	85-102308-01P
C12	Capacitor PPR-MHI 3N3 1KV 5% 10	85-220005-01P
D3	Diode 1N914 A .075A 75V T	14-000513-01P
D4	Diode 1N914 A .075A 75V T	14-000513-01P
P1-7	Connector "F" POST AMP	34-001063-01P
Q3	Transistor IRFAE50 PWR MOSFET	14-A00603-01P
Q4	Transistor IRFAE50 PWR MOSFET	14-A00603-01P
Q5	Transistor MPSW51 30V 1W PNP	14-000887-04P
Q6	Transistor MPSW51 30V 1W PNP	14-000887-04P
R8	Resistor 22R .5W 5% MET FILM	80-122095-11P
R9	Resistor 22R .5W 5% MET FILM	80-122095-11P
R10	Resistor 2K2 .5W 5% MET FILM	80-122015-11P
R11	Resistor 2K2 .5W 5% MET FILM	80-122015-11P
T1	Transformer HORIZ PULSE	24-170004-01P
ZD1	Diode Zener 1N5242 -12V 5%	14-000531-35P

MOSFET PCB (newer version)

ID	Description	Electrohome #
C1	Capacitor MYR---5 1U0 50V 10% 04	85-103108-04P
C2	Capacitor MLA-Z5U 220N, 50V, 20%	85-180908-01P
C3	Capacitor MLA-Z5U 220N, 50V, 20%	85-180908-01P
C4	Capacitor PPR-FLM 3N3 1KV, 10%	85-220004-01P
C5	Capacitor PPR-FLM 3N3 1KV, 10%	85-220004-01P
Q1	Transistor MTW7N80E, 800V, 7A	14-A00708-01P
Q2	Transistor MTW7N80E, 800V, 7A	14-A00708-01P
R1	Resistor 22R, 5W, 5% MET FILM	80-122095-11P
R2	Resistor 22R, 5W, 5% MET FILM	80-122095-11P
R3	Resistor 2R2, 5%	80-122085-11P
R4	Resistor 2R2, 5%	80-122085-11P
T1	Transformer, horizontal pulse	24-170004-01P
U1	Transistor MDC1000A Power Off Device	14-000724-01P
U2	Transistor MDC1000A Power Off Device	14-000724-01P

**Power Entry
Module** ➤**Power Entry Module (02-260102-02P / 03-260102-02P)**

	ID	Description	Electrohome #
	C1	Capacitor ELR-MIN 100U 35V 20%	85-011006-03P
	C2	Capacitor ELR-MIN 2M2 16V 20%	85-010005-01P
	C3	Capacitor MLR-Z5U 100N 50V 20%	85-170308-01P
	C4	Capacitor MLR-Z5U 100N 50V 20%	85-170308-01P
	C5	Capacitor 10NF 100V BOX TYPE	88-171031-12P
	C6	Capacitor 10NF 100V BOX TYPE	88-171031-12P
	C7	Capacitor 10NF 100V BOX TYPE	88-171031-12P
	C8	Capacitor 10NF 100V BOX TYPE	88-171031-12P
	C9	Capacitor ELR-MIN 1M0 16V 20%	85-011403-07P
	C10	Capacitor MLR-Z5U 100N 50V 20%	85-170308-01P
	C11	Capacitor MLR-Z5U 100N 50V 20%	85-170308-01P
	C13	Capacitor ELR-MIN 1M0 25V 20%	85-011405-08P
	C14	Capacitor MLR-Z5U 100N 50V 20%	85-170308-01P
	C15	Capacitor ELEC 22U 25V 20%	84-422004-01P
	D1	Diode REC 1N4003 1A 200V	14-000525-53P
	D2	Diode REC 1N4003 1A 200V	14-000525-53P
	D3	Diode REC 1N4003 1A 200V	14-000525-53P
	D4	Diode REC 1N4003 1A 200V	14-000525-53P
	D5	Diode REC 1N4003 1A 200V	14-000525-53P
	D6	Diode REC 1N4003 1A 200V	14-000525-53P
	D7	Diode 1N914 A .075A 75V T	14-000513-01P
▲	F1	Fuse .125A 250V SB	27-000005-45P
▲	F2	Fuse 6.0A SLOW BLOW	27-000005-47P
	F3	Fuse 3.15A 250V ET-4A	27-000045-05P
	F4	Fuse 3.15A 250V ET-4A	27-000045-05P
	IC1	IC MC7805CT REG FIXED POS VOLT	14-002032-01P
	IC2	IC MC7812CT REG FIXED POS	14-002018-01P
	P2	Header SQ Pin .156	34-000820-05P
	P3	Header SQ Pin .156	34-000820-05P
	P4	Header SQ Pin .156	34-000820-07P
	P5	Header SQ Pin .156	34-000820-12P
▲	PM1	AC INPUT MODULE	34-001058-01P
	Q1	Transistor 2N2222 30V .8A .5W NPN	14-000880-01P
	Q2	Transistor 2N6426 NPN	14-000990-01P
	Q3	Transistor 2N3904 40V .2A 35W NPN	14-000881-06P
	R1	Resistor 470R .5W 5% MET FILM	80-147005-11P
	R2	Resistor 10R .5W 5% MET FILM	80-110095-11P
	R3	Resistor 15K .5W 5% MET FILM	80-115025-11P
	R4	Resistor 68K .5W 5% MET FILM	80-168025-11P
	R5	Resistor 68K .5W 5% MET FILM	80-168025-11P
	R6	Resistor 10K .5W 5% MET FILM	80-110025-11P
▲	RL1	Relay SPST 5VDC	25-000112-01P
	RL2	Relay DPDT MT2 DIP 4.5V C93406	25-000106-02P
▲	VR1	Varistor METAL OXIDE V20A	42-000127-01P

RGB Sync 2 ➤
Input Module
RGB Sync 2 Input Module (02-260015-03P / 38-800913-91)

ID	Description	Electrohome #
	Bracket - Mounting	39-001496-03P
	Connector - BNC W/33-566-01/02	34-001021-01P
	Panel	53-100974-11P
	Screw - #4x5/16 TF PH HD BLK OX (for bracket)	31-270414-05P
	Terminal - Lug Type 3-.375	34-000033-08P
C1	Capacitor ELR-MIN 100U 25V 20%	85-011005-02P
C2	Capacitor ELR-MIN 100U 25V 20%	85-011005-02P
C3	Capacitor ELR-MIN 100U 25V 20%	85-011005-02P
C4	Capacitor ELR-MIN 100U 25V 20%	85-011005-02P
C5	Capacitor ELR-MIN 100U 25V 20%	85-011005-02P
C6	Capacitor ELR-MIN 100U 25V 20%	85-011005-02P
C7	Capacitor ELR-MIN 100U 25V 20%	85-011005-02P
C8	Capacitor ELR-MIN 100U 25V 20%	85-011005-02P
C9	Capacitor ELR-MIN 100U 25V 20%	85-011005-02P
C10	Capacitor ELR-MIN 100U 25V 20%	85-011005-02P
C11	Capacitor ELR-MIN 100U 25V 20%	85-011005-02P
C12	Capacitor ELR-MIN 100U 25V 20%	85-011005-02P
C13	Capacitor ELR-MIN 100U 25V 20%	85-011005-02P
C14	Capacitor ELR-MIN 100U 25V 20%	85-011005-02P
C15	Capacitor ELR-MIN 100U 25V 20%	85-011005-02P
C16	Capacitor ELR-MIN 100U 25V 20%	85-011005-02P
C17	Capacitor MLR-Z5U 100N 50V 20%	85-170308-01P
C18	Capacitor MLR-Z5U 100N 50V 20%	85-170308-01P
C19	Capacitor MLR-Z5U 100N 50V 20%	85-170308-01P
C20	Capacitor MLR-Z5U 100N 50V 20%	85-170308-01P
C21	Capacitor MLR-Z5U 100N 50V 20%	85-170308-01P
C22	Capacitor MLR-Z5U 100N 50V 20%	85-170308-01P
C23	Capacitor MLR-Z5U 100N 50V 20%	85-170308-01P
C24	Capacitor MLR-Z5U 100N 50V 20%	85-170308-01P
C25	Capacitor MLR-Z5U 100N 50V 20%	85-170308-01P
C26	Capacitor MLR-Z5U 100N 50V 20%	85-170308-01P
C27	Capacitor MLR-Z5U 100N 50V 20%	85-170308-01P
C28	Capacitor MLR-Z5U 100N 50V 20%	85-170308-01P
C29	Capacitor MLR-Z5U 100N 50V 20%	85-170308-01P
C30	Capacitor MLR-Z5U 100N 50V 20%	85-170308-01P
C31	Capacitor MLR-Z5U 100N 50V 20%	85-170308-01P
C32	Capacitor MLR-Z5U 100N 50V 20%	85-170308-01P
C33	Capacitor MLR-Z5U 100N 50V 20%	85-170308-01P
C34	Capacitor MLR-Z5U 100N 50V 20%	85-170308-01P
C35	Capacitor MLR-Z5U 100N 50V 20%	85-170308-01P
C36	Capacitor MLR-Z5U 100N 50V 20%	85-170308-01P
C37	Capacitor MLR-Z5U 100N 50V 20%	85-170308-01P
C38	Capacitor MLR-Z5U 100N 50V 20%	85-170308-01P
C39	Capacitor MLR-Z5U 100N 50V 20%	85-170308-01P
C40	Capacitor MLR-Z5U 100N 50V 20%	85-170308-01P
C41	Capacitor MLR-Z5U 100N 50V 20%	85-170308-01P
C42	Capacitor MLR-Z5U 100N 50V 20%	85-170308-01P

RGB Sync 2 Input Module (02-260015-03P / 38-800913-91) - continued ...

ID	Description	Electrohome #
C43	Capacitor MLR-Z5U 100N 50V 20%	85-170308-01P
C44	Capacitor CRR-NPO 12PF 100V 2%	85-110001-01P
C45	Capacitor CRR-NPO 1P8 100V 1/4	85-110002-01P
C46	Capacitor CRR-NPO 10P 100V 2%	85-111010-01P
C47	Capacitor CRR-NPO 1P8 100V 1/4	85-110002-01P
C48	Capacitor CRR-NPO 1P8 100V 1/4	85-110002-01P
C49	Capacitor CRR-NPO 10P 100V 2%	85-111010-01P
C50	Capacitor ELR-MIN 330UF 16V 20%	85-010006-01P
C51	Capacitor ELR-MIN 330UF 16V 20%	85-010006-01P
C52	Capacitor ELR-MIN 330UF 16V 20%	85-010006-01P
C53	Capacitor ELR-MIN 10U 50V 20%	85-010608-01P
C54	Capacitor ELR-MIN 10U 50V 20%	85-010608-01P
C55	Capacitor ELR-MIN 10U 50V 20%	85-010608-01P
C56	Capacitor MLR-NPO 330P 100V 5%	85-131008-01P
C57	Capacitor MLR-NPO 330P 100V 5%	85-131008-01P
C58	Capacitor MYR---5 10N 100V 10%	85-101108-01P
C59	Capacitor CRR-NPO 100P 100V 2%	85-112210-01P
C60	Capacitor MLR-Z5U 470N 50V 20%	85-170708-02P
C61	Capacitor MLC-NPO RD 1N0 50V 1%	85-131408-01P
C62	Capacitor ELR-MIN 10U 50V 20%	85-010608-01P
C63	Capacitor ELR-MIN 1M0 16V 20%	85-011403-07P
C64	Capacitor ELR-MIN 1M0 16V 20%	85-011403-07P
C65	Capacitor MICA 470P 500V 5%	47-044715-03P
C67	Capacitor ELR-MIN 100U 25V 20%	85-011005-02P
C68	Capacitor MLR-Z5U 100N 50V 20%	85-170308-01P
C69	Capacitor MYR---5 220N 50V 10%	85-102308-01P
C70	Capacitor MYR---5 2N2 100V 10%	85-100308-01P
C71	Capacitor ELR-MIN 10U 50V 20%	85-010608-01P
C72	Capacitor MLR-Z5U 100N 50V 20%	85-170308-01P
C73	Capacitor MLR-Z5U 10N 100V 20%	85-170108-01P
C75	Capacitor MYR---5 1U0 50V 10%	85-103108-04P
D1	Diode REC 1N4003 1A 200V	14-000525-53P
D2	Diode 1N914 A .075A 75V T	14-000513-01P
D3	Diode 1N914 A .075A 75V T	14-000513-01P
D4	Diode 1N914 A .075A 75V T	14-000513-01P
D5	Diode BAT 81 SCHOTTKY BARRIER	14-000533-01P
D6	Diode 1N914 A .075A 75V T	14-000513-01P
D7	Diode 1N914 A .075A 75V T	14-000513-01P
D8	Diode 1N914 A .075A 75V T	14-000513-01P
D9	Diode 1N914 A .075A 75V T	14-000513-01P
D10	Diode 1N914 A .075A 75V T	14-000513-01P
D11	Diode 1N914 A .075A 75V T	14-000513-01P
D12	Diode 1N914 A .075A 75V T	14-000513-01P
D13	Diode 1N914 A .075A 75V T	14-000513-01P
D14	Diode BAT 81 SCHOTTKY BARRIER	14-000533-01P
D15	Diode 1N914 A .075A 75V T	14-000513-01P

RGB Sync 2 Input Module (02-260015-03P / 38-800913-91) - continued ...

ID	Description	Electrohome #
D16	Diode 1N914 A .075A 75V T	14-000513-01P
D17	Diode 1N914 A .075A 75V T	14-000513-01P
D18	Diode 1N914 A .075A 75V T	14-000513-01P
D19	Diode 1N914 A .075A 75V T	14-000513-01P
D20	Diode 1N914 A .075A 75V T	14-000513-01P
D21	Diode 1N914 A .075A 75V T	14-000513-01P
D22	Diode 1N914 A .075A 75V T	14-000513-01P
D23	Diode REC BYV26 .5A 350V	14-000525-07P
D24	Diode REC 1N4003 1A 200V	14-000525-53P
IC1	IC 74LS86 QUAD EXCL OR-GATE	14-004620-01P
IC2	IC CD4011BE QUAD 2-I/P NAND	14-A04027-01P
IC3	IC CD4011BE QUAD 2-I/P NAND	14-A04027-01P
IC4	IC CD4066B RCA MOTOROLA ONLY	14-A03008-02P
IC5	IC 74HC4538 DUAL MONO MULTI VI	14-A04041-01P
IC6	IC 74LS123 DIG MULTI DUAL MONO	14-004670-02P
IC7	IC TL497C SWITCH VOL REG	14-002834-01P
IC8	IC MC7812CT REG FIXED POS	14-002018-01P
IC9	IC MC7805CT REG FIXED POS VOLT	14-002032-01P
IC11	IC 74HC4538 DUAL MONO MULTI VI	14-A04041-01P
IC12	IC 74HC4538 DUAL MONO MULTI VI	14-A04041-01P
IC13	IC 74HC4538 DUAL MONO MULTI VI	14-A04041-01P
L1	Choke RF 27 UH	21-001400-10P
L2	Inductor 120UH	21-001185-38P
L3	Choke RF 27 UH	21-001400-25P
L4	Choke RF 27 UH	21-001400-25P
P1	Pin Radio .062	34-000490-02P
P2	Pin Radio .062	34-000490-02P
P3	Pin Radio .062	34-000490-02P
P4	Pin Radio .062	34-000490-02P
P5	Pin Radio .062	34-000490-02P
P6	Pin Radio .062	34-000490-02P
P7	Pin Radio .062	34-000490-02P
P8	Pin Radio .062	34-000490-02P
P9	Pin Radio .062	34-000490-02P
P10	Pin Radio .062	34-000490-02P
P11	Pin Radio .062	34-000490-02P
P12	Header .1 CTR STRAIGHT S ROW	34-000955-03P
P13	Header .1 CTR STRAIGHT S ROW	34-000955-03P
P14	Header .1 CTR STRAIGHT S ROW	34-000955-03P
P15	Header .1 CTR STRAIGHT S ROW	34-000955-03P
P16	Header .1 CTR STRAIGHT S ROW	34-000955-03P
P17	Header .1 CTR STRAIGHT S ROW	34-000955-03P

RGB Sync 2 Input Module (02-260015-03P / 38-800913-91) - continued ...

ID	Description	Electrohome #
PA1	Connector 64 Pin RA PLUG DIN	34-001057-02P
Q1	Transistor 2N6426 NPN	14-000990-01P
Q2	Transistor 2N3904 40V .2A 35W NPN	14-000881-06P
Q3	Transistor 2N3904 40V .2A 35W NPN	14-000881-06P
Q4	Transistor 2N3904 40V .2A 35W NPN	14-000881-06P
Q5	Transistor 2N3904 40V .2A 35W NPN	14-000881-06P
Q6	Transistor 2N3904 40V .2A 35W NPN	14-000881-06P
Q7	Transistor 2N3904 40V .2A 35W NPN	14-000881-06P
Q8	Transistor 2N3904 40V .2A 35W NPN	14-000881-06P
Q9	Transistor 2N3904 40V .2A 35W NPN	14-000881-06P
Q10	Transistor 2N3904 40V .2A 35W NPN	14-000881-06P
Q11	Transistor 2N3904 40V .2A 35W NPN	14-000881-06P
Q12	Transistor 2N3904 40V .2A 35W NPN	14-000881-06P
Q13	Transistor 2N3904 40V .2A 35W NPN	14-000881-06P
Q14	Transistor 2N3904 40V .2A 35W NPN	14-000881-06P
Q15	Transistor 2N3904 40V .2A 35W NPN	14-000881-06P
Q16	Transistor 2N3904 40V .2A 35W NPN	14-000881-06P
Q17	Transistor 2N3904 40V .2A 35W NPN	14-000881-06P
Q18	Transistor 2N3904 40V .2A 35W NPN	14-000881-06P
Q19	Transistor 2N3904 40V .2A 35W NPN	14-000881-06P
Q20	Transistor 2N3904 40V .2A 35W NPN	14-000881-06P
Q21	Transistor 2N3904 40V .2A 35W NPN	14-000881-06P
Q22	Transistor 2N3904 40V .2A 35W NPN	14-000881-06P
Q23	Transistor 2N3904 40V .2A 35W NPN	14-000881-06P
Q24	Transistor 2N3904 40V .2A 35W NPN	14-000881-06P
Q25	Transistor 2N3904 40V .2A 35W NPN	14-000881-06P
Q26	Transistor 2N3906 SMALL SIGNAL	14-000873-82P
Q27	Transistor 2N3906 SMALL SIGNAL	14-000873-82P
Q28	Transistor 2N3906 SMALL SIGNAL	14-000873-82P
Q29	Transistor 2N3906 SMALL SIGNAL	14-000873-82P
Q30	Transistor 2N3906 SMALL SIGNAL	14-000873-82P
Q31	Transistor 2N3906 SMALL SIGNAL	14-000873-82P
Q32	Transistor MPS3646 15V .3W 1W NPN	14-000880-05P
Q33	Transistor MPS3646 15V .3W 1W NPN	14-000880-05P
Q34	Transistor MPS3646 15V .3W 1W NPN	14-000880-05P
Q38	Transistor 2N2905A	14-000984-02P
Q40	Transistor 2N6426 NPN	14-000990-01P
Q41	Transistor TIS74 30V .05A FET	14-000720-13P
Q42	Transistor TIS74 30V .05A FET	14-000720-13P
Q43	Transistor TIS74 30V .05A FET	14-000720-13P
Q44	Transistor 2N7000 TMOS SS 60V .2A	14-A00705-01P
Q45	Transistor 2N3904 40V .2A 35W NPN	14-000881-06P
Q46	Transistor 2N3904 40V .2A 35W NPN	14-000881-06P
R1	Resistor 27K .5W 5% MET FILM	80-127025-11P
R2	Resistor 27K .5W 5% MET FILM	80-127025-11P
R3	Resistor 27K .5W 5% MET FILM	80-127025-11P

RGB Sync 2 Input Module (02-260015-03P / 38-800913-91) - continued ...

ID	Description	Electrohome #
R4	Resistor 270R .5W 5% MET FILM	80-127005-11P
R5	Resistor 270R .5W 5% MET FILM	80-127005-11P
R6	Resistor 270R .5W 5% MET FILM	80-127005-11P
R7	Resistor 10K .5W 5% MET FILM	80-110025-11P
R8	Resistor 10K .5W 5% MET FILM	80-110025-11P
R9	Resistor 10K .5W 5% MET FILM	80-110025-11P
R10	Resistor 10K .5W 5% MET FILM	80-110025-11P
R11	Resistor 10K .5W 5% MET FILM	80-110025-11P
R12	Resistor 10K .5W 5% MET FILM	80-110025-11P
R13	Resistor 10K .5W 5% MET FILM	80-110025-11P
R14	Resistor 470R .5W 5% MET FILM	80-147005-11P
R15	Resistor 470R .5W 5% MET FILM	80-147005-11P
R16	Resistor 220R .5W 5% MET FILM	80-122005-11P
R17	Resistor 470R .5W 5% MET FILM	80-147005-11P
R18	Resistor 470R .5W 5% MET FILM	80-147005-11P
R19	Resistor 470R .5W 5% MET FILM	80-147005-11P
R20	Resistor 470R .5W 5% MET FILM	80-147005-11P
R21	Resistor 470R .5W 5% MET FILM	80-147005-11P
R22	Resistor 220R .5W 5% MET FILM	80-122005-11P
R23	Resistor 470R .5W 5% MET FILM	80-147005-11P
R24	Resistor 470R .5W 5% MET FILM	80-147005-11P
R25	Resistor 470R .5W 5% MET FILM	80-147005-11P
R26	Resistor 220R .5W 5% MET FILM	80-122005-11P
R27	Resistor 470R .5W 5% MET FILM	80-147005-11P
R28	Resistor 470R .5W 5% MET FILM	80-147005-11P
R29	Resistor 470R .5W 5% MET FILM	80-147005-11P
R30	Resistor 470R .5W 5% MET FILM	80-147005-11P
R31	Resistor 10K .5W 5% MET FILM	80-110025-11P
R32	Resistor 150R .5W 5% MET FILM	80-115005-11P
R33	Resistor 150R .5W 5% MET FILM	80-115005-11P
R34	Resistor 150R .5W 5% MET FILM	80-115005-11P
R35	Resistor 150R .5W 5% MET FILM	80-115005-11P
R36	Resistor 150R .5W 5% MET FILM	80-115005-11P
R37	Resistor 150R .5W 5% MET FILM	80-115005-11P
R38	Resistor 150R .5W 5% MET FILM	80-115005-11P
R39	Resistor 150R .5W 5% MET FILM	80-115005-11P
R40	Resistor 150R .5W 5% MET FILM	80-115005-11P
R41	Resistor 100R .5W 5% MET FILM	80-110005-11P
R42	Resistor 100R .5W 5% MET FILM	80-110005-11P
R43	Resistor 100R .5W 5% MET FILM	80-110005-11P
R44	Resistor 100R .5W 5% MET FILM	80-110005-11P
R46	Resistor 100R .5W 5% MET FILM	80-110005-11P
R47	Resistor 22K .5W 5% MET FILM	80-122025-11P
R48	Resistor 22K .5W 5% MET FILM	80-122025-11P
R49	Resistor 22K .5W 5% MET FILM	80-122025-11P
R50	Resistor 8K2 .5W 5% MET FILM	80-182015-11P
R51	Resistor 8K2 .5W 5% MET FILM	80-182015-11P

RGB Sync 2 Input Module (02-260015-03P / 38-800913-91) - continued ...

ID	Description	Electrohome #
R52	Resistor 8K2 .5W 5% MET FILM	80-182015-11P
▲ R53	Resistor 4R7 .5W CRT SAFE	42-000063-57P
▲ R54	Resistor 4R7 .5W CRT SAFE	42-000063-57P
▲ R55	Resistor 4R7 .5W CRT SAFE	42-000063-57P
R56	Resistor 220R .5W 5% MET FILM	80-122005-11P
R57	Resistor 220R .5W 5% MET FILM	80-122005-11P
R58	Resistor 220R .5W 5% MET FILM	80-122005-11P
R59	Resistor 220R .5W 5% MET FILM	80-122005-11P
R60	Resistor 220R .5W 5% MET FILM	80-122005-11P
R61	Resistor 220R .5W 5% MET FILM	80-122005-11P
R62	Resistor 330R .5W 5% MET FILM	80-133005-11P
R63	Resistor 330R .5W 5% MET FILM	80-133005-11P
R64	Resistor 330R .5W 5% MET FILM	80-133005-11P
R65	Resistor 15K .5W 5% MET FILM	80-115025-11P
R66	Resistor 4K7 .5W 5% MET FILM	80-147015-11P
R67	Resistor 4K7 .5W 5% MET FILM	80-147015-11P
R68	Resistor 2K2 .5W 5% MET FILM	80-122015-11P
R69	Resistor 4K7 .5W 5% MET FILM	80-147015-11P
R70	Resistor 2K2 .5W 5% MET FILM	80-122015-11P
R71	Resistor 4K7 .5W 5% MET FILM	80-147015-11P
R72	Resistor 4K7 .5W 5% MET FILM	80-147015-11P
R73	Resistor 1K8 .5W 5% MET FILM	80-118015-11P
R74	Resistor 1K8 .5W 5% MET FILM	80-118015-11P
R75	Resistor 1K8 .5W 5% MET FILM	80-118015-11P
R76	Resistor 4R7 .5W 5% MET FILM	80-147085-11P
R77	Resistor 4R7 .5W 5% MET FILM	80-147085-11P
R78	Resistor 4R7 .5W 5% MET FILM	80-147085-11P
R79	Resistor 4R7 .5W 5% MET FILM	80-147085-11P
R80	Resistor 4R7 .5W 5% MET FILM	80-147085-11P
R81	Resistor 4R7 .5W 5% MET FILM	80-147085-11P
R82	Resistor 4R7 .5W 5% MET FILM	80-147085-11P
R83	Resistor 56R .5W 5% MET FILM	80-156095-11P
R84	Resistor 56R .5W 5% MET FILM	80-156095-11P
R85	Resistor 56R .5W 5% MET FILM	80-156095-11P
R86	Resistor 56R .5W 5% MET FILM	80-156095-11P
R87	Resistor 1K .5W 5% MET FILM	80-110015-11P
R88	Resistor 1K .5W 5% MET FILM	80-110015-11P
R89	Resistor 1K .5W 5% MET FILM	80-110015-11P
R90	Resistor 1K2 .5W 5% MET FILM	80-112015-11P
R91	Resistor 1K .5W 5% MET FILM	80-110015-11P
R92	Resistor 330R .5W 5% MET FILM	80-133005-11P
R93	Resistor 1K .5W 5% MET FILM	80-110015-11P
R94	Resistor 20K .5W 5% MET FILM	80-120025-11P
R95	Resistor 10K .5W 5% MET FILM	80-110025-11P
R96	Resistor 20K .5W 5% MET FILM	80-120025-11P

RGB Sync 2 Input Module (02-260015-03P / 38-800913-91) - continued ...

ID	Description	Electrohome #
R97	Resistor 10K .5W 5% MET FILM	80-110025-11P
R98	Resistor 3K9 .5W 5% MET FILM	80-139015-11P
R99	Resistor 3K9 .5W 5% MET FILM	80-139015-11P
R100	Resistor 82K .5W 5% MET FILM	80-182025-11P
R101	Resistor 56K .5W 5% MET FILM	80-156025-11P
R102	Resistor 2K2 .5W 5% MET FILM	80-122015-11P
R103	Resistor 2K2 .5W 5% MET FILM	80-122015-11P
R104	Resistor 2K2 .5W 5% MET FILM	80-122015-11P
R105	Resistor 1M .5W 5% MET FILM	80-110045-11P
R106	Resistor 5K6 .5W 5% MET FILM	80-156015-11P
R107	Resistor 5K6 .5W 5% MET FILM	80-156015-11P
R108	Resistor 10R .5W 5% MET FILM	80-110095-11P
R109	Resistor 36K .5W 5% MET FILM	80-136025-11P
R110	Resistor 2M2 .5W 5% MET FILM	80-122045-11P
R111	Resistor 1K2 .5W 5% MET FILM	80-112015-11P
R112	Resistor 47R .5W 5% MET FILM	80-147095-11P
R113	Resistor 27R .5W 5% MET FILM	80-127095-11P
R114	Resistor 2K7 .5W 5% MET FILM	80-127015-11P
R115	Carbon Trim Pot 100R	41-000344-04P
R116	Carbon Trim Pot 100R	41-000344-04P
R117	Carbon Trim Pot 100R	41-000344-04P
R118	Resistor 1K .5W 5% MET FILM	80-110015-11P
R119	Resistor 5K1 .5W 5% MET FILM	80-151015-11P
R120	Resistor 1K .5W 5% MET FILM	80-110015-11P
R121	Resistor 43K MET FILM	80-143025-11P
R122	Resistor 10K .5W 5% MET FILM	80-110025-11P
R123	Resistor 2K2 .5W 5% MET FILM	80-122015-11P
▲ R129	Resistor 10R .5W 5% MET FILM	80-110095-11P
R130	Resistor 75R 1/3W 1%	82-375091-29P
R131	Resistor 75R 1/3W 1%	82-375091-29P
R132	Resistor 75R 1/3W 1%	82-375091-29P
R133	Resistor 75R 1/3W 1%	82-375091-29P
R134	Resistor 75R 1/3W 1%	82-375091-29P
R135	Resistor 75R 1/3W 1%	82-375091-29P
R136	Resistor 75R 1/3W 1%	82-375091-29P
R137	Resistor 75R 1/3W 1%	82-375091-29P
R138	Carbon Trim Pot 25K	41-000344-12P
R139	Trimpot 20 TURN 200K	41-000345-11P
R140	Resistor 10R .5W 5% MET FILM	80-110095-11P
R141	Resistor 10R .5W 5% MET FILM	80-110095-11P
R142	Resistor 10R .5W 5% MET FILM	80-110095-11P
R143	Resistor 10K .5W 5% MET FILM	80-110025-11P
R144	Resistor 10K .5W 5% MET FILM	80-110025-11P
R145	Resistor 220K .5W 5% MET FILM	80-122035-11P
R146	Resistor 1K2 .5W 5% MET FILM	80-112015-11P
R147	Resistor 220R .5W 5% MET FILM	80-122005-11P
R148	Resistor 220R .5W 5% MET FILM	80-122005-11P

RGB Sync 2 Input Module (02-260015-03P / 38-800913-91) - continued ...

ID	Description	Electrohome #
R149	Resistor 1K2 .5W 5% MET FILM	80-112015-11P
R150	Resistor 1K2 .5W 5% MET FILM	80-112015-11P
R151	Resistor 4K7 .5W 5% MET FILM	80-147015-11P
R152	Resistor 1K .5W 5% MET FILM	80-110015-11P
R153	Resistor 1K .5W 5% MET FILM	80-110015-11P
R154	Resistor 4K7 .5W 5% MET FILM	80-147015-11P
R155	Resistor 15K .5W 5% MET FILM	80-115025-11P
RL1	Relay DPDT MT2 DIP 12V C93402	25-000106-01P
RL2	Relay DPDT MT2 DIP 12V C93402	25-000106-01P
RL3	Relay DPDT MT2 DIP 12V C93402	25-000106-01P
RL4	Relay DPDT MT2 DIP 12V C93402	25-000106-01P

RS-232 ►
Communications
Module

RS-232 Communications Module (02-270115-02P / 03-270115-01P)

ID	Description	Electrohome #
	Bracket - Mounting	39-001496-03P
	Panel - front	53-100974-34P
	Screw - #4-40x1/4 MC PH ZINC (for D connectors)	31-700418-04P
	Screw - #4x5/16 TF PH HD BLK OX (for bracket)	31-270414-05P
	Switch - Pushwheel (sub-miniature)	26-000349-01P
C1	Capacitor ELR-MIN 10U 50V 20%	85-010608-01P
C2	Capacitor MLA-NPO 2N2 50V 5%	85-192908-02P
C3	Capacitor ELR-MIN 4U7 50V 20%	85-010508-01P
C4,5	Capacitor CRR-NPO 22P 100V 2%	85-111410-01P
C6	Capacitor ELR-MIN 4U7 50V 20%	85-010508-01P
C7	Capacitor ELR-MIN 4U7 50V 20%	85-010508-01P
C8	Capacitor ELR-MIN 4U7 50V 20%	85-010508-01P
C9	Capacitor ELR-MIN 4U7 50V 20%	85-010508-01P
C10	Capacitor TTR-MIN 10U 16V 10%	85-061303-04P
C11	Capacitor TTR-MIN 47U 16V 10%	85-061703-08P
C12	Capacitor MLR-Z5U 100N 50V 20%	85-170308-01P
C13	Capacitor MLR-Z5U 100N 50V 20%	85-170308-01P
D1	Diode BAT 81 SCHOTTKY BARRIER	14-000533-01P
D2	Diode Zener 1N5231C 5.1V 2%	14-000515-98P
J1	Jack (REMOTE)	34-001104-01P
J2	Connector D RT ANG 9 Pin FEM	34-001205-09P
P1	Header RT ANGLE	34-000812-04P
P2	Connector D MALE PCB MTN RT AN	34-001191-01P
P3	Header DUAL ROW	34-001258-18P
Q1	Transistor 2N3904 40V .2A 35W NPN	14-000881-06P
R1	Resistor 10R .5W 5% MET FILM	80-110095-11P
R2	Resistor 100R .5W 5% MET FILM	80-110005-11P
R3	Resistor 22K1 1/3W 1% MET FILM	82-322121-29P
R4	Resistor 100R .5W 5% MET FILM	80-110005-11P
R5	Resistor 4K7 .5W 5% MET FILM	80-147015-11P
R6	Resistor 4K7 .5W 5% MET FILM	80-147015-11P

RS-232 Comm. Module (02-270115-02P / 03-270115-01P)- continued

R7	Resistor 2M2 .5W 5% MET FILM	80-122045-11P
R8	Resistor 1K .5W 5% MET FILM	80-110015-11P
R9	Resistor 100R .5W 5% MET FILM	80-110005-11P
R10	Resistor 10K .5W 5% MET FILM	80-110025-11P
R11	Resistor 10K .5W 5% MET FILM	80-110025-11P
R12	Resistor 1K .5W 5% MET FILM	80-110015-11P
R13	Resistor 4K7 .5W 5% MET FILM	80-147015-11P
RN1	Resistor NTRWK 10Pin 4K7 BUS	43-000053-01P
RN2	Resistor NTRWK 10Pin 4K7 BUS	43-000053-01P
SW3	SWI DIP RSD RCKR SPST STR 8POS	26-000355-08P
U1	IC MC34064P TTL UNDDRVL T SENS.	14-002853-01P
U2	MC68HC711D3 V1.1	14-P11502-02P
U3	IC DS14C232C RS232 RCVR/DRVR	14-A05063-01P
U4	IC MC7805CT REG FIXED POS VOLT	14-002032-01P
U5	IC 74HC08 QUAD 2 I/R ANDINPUT	14-A04016-01P
Y1	Crystal 8 MHZ PARALLEL	37-000020-02P

**Remote Control
Module** ➤*Remote Control Module (02-270010-35P / 03-270010-35P)*

ID	Description	Electrohome #
C1	Capacitor TTR-MIN 33UF 10V 20%	85-060002-01P
C2	Capacitor MYR---5 100N 100V 10%	85-102110-02P
C3	Capacitor MLR-Z5U 100N 50V 20%	85-170308-01P
C4	Capacitor MLR-Z5U 100N 50V 20%	85-170308-01P
C5	Capacitor MLR-Z5U 100N 50V 20%	85-170308-01P
C6	Capacitor MLR-Z5U 100N 50V 20%	85-170308-01P
C7	Capacitor MLR-Z5U 100N 50V 20%	85-170308-01P
C8	Capacitor MLR-Z5U 100N 50V 20%	85-170308-01P
C9	Capacitor MLR-Z5U 100N 50V 20%	85-170308-01P
C10	Capacitor MLR-Z5U 100N 50V 20%	85-170308-01P
C11	Capacitor MLR-Z5U 100N 50V 20%	85-170308-01P
C12	Capacitor MLR-Z5U 100N 50V 20%	85-170308-01P
C13	Capacitor MLR-Z5U 100N 50V 20%	85-170308-01P
C14	Capacitor MLR-Z5U 100N 50V 20%	85-170308-01P
C15	Capacitor MLR-Z5U 100N 50V 20%	85-170308-01P
C16	Capacitor ELR-MIN 10U 50V 20%	85-010608-01P
C17	Capacitor MLR-Z5U 100N 50V 20%	85-170308-01P
C18	Capacitor MLR-Z5U 100N 50V 20%	85-170308-01P
C19	Capacitor MLR-Z5U 100N 50V 20%	85-170308-01P
C20	Capacitor MLR-Z5U 100N 50V 20%	85-170308-01P
C21	Capacitor MLR-Z5U 100N 50V 20%	85-170308-01P
C22	Capacitor MLR-Z5U 100N 50V 20%	85-170308-01P
C23	Capacitor CRR-NPO 27PF 100V 2%	85-110003-01P
C24	Capacitor CRR-NPO 27PF 100V 2%	85-110003-01P
C25	Capacitor MLR-Z5U 100N 50V 20%	85-170308-01P
C26	Capacitor MLR-Z5U 100N 50V 20%	85-170308-01P
C27	Capacitor MLR-Z5U 100N 50V 20%	85-170308-01P

Remote Control Module (02-270010-35P / 03-270010-35P) - continued

ID	Description	Electrohome #
C28	Capacitor MLR-Z5U 100N 50V 20%	85-170308-01P
C29	Capacitor CRR-NPO 100P 100V 2%	85-112210-01P
C30	Capacitor MLR-Z5U 100N 50V 20%	85-170308-01P
C31	Capacitor CRR-NPO 100P 100V 2%	85-112210-01P
C32	Capacitor MLR-Z5U 100N 50V 20%	85-170308-01P
C33	Capacitor MLR-Z5U 100N 50V 20%	85-170308-01P
C34	Capacitor MLR-Z5U 100N 50V 20%	85-170308-01P
C35	Capacitor MLR-Z5U 100N 50V 20%	85-170308-01P
C36	Capacitor MLR-Z5U 100N 50V 20%	85-170308-01P
C37	Capacitor MLR-Z5U 100N 50V 20%	85-170308-01P
C38	Capacitor CRR-NPO 22P 100V 2%	85-111410-01P
C39	Capacitor 10NF 100V BOX TYPE	88-171031-12P
C40	Capacitor MLR-Z5U 100N 50V 20%	85-170308-01P
C41	Capacitor MLR-Z5U 100N 50V 20%	85-170308-01P
C42	Capacitor MLR-Z5U 100N 50V 20%	85-170308-01P
C43	Capacitor 10NF 100V BOX TYPE	88-171031-12P
C44	Capacitor ELR-MIN 100U 25V 20%	85-011005-02P
C45	Capacitor ELR-MIN 100U 25V 20%	85-011005-02P
C46	Capacitor ELR-MIN 100U 25V 20%	85-011005-02P
D1	Diode BAT 81 SCHOTTKY BARRIER	14-000533-01P
D2	Diode BAT 81 SCHOTTKY BARRIER	14-000533-01P
D8	Diode BAT 81 SCHOTTKY BARRIER	14-000533-01P
D9	Diode 1N914 A .075A 75V T	14-000513-01P
D10	Diode 1N914 A .075A 75V T	14-000513-01P
IC1	IC M5216L DUAL LARGE CURRENT	14-002836-01P
IC2	IC M5216L DUAL LARGE CURRENT	14-002836-01P
IC3	IC M5216L DUAL LARGE CURRENT	14-002836-01P
IC4	IC M5216L DUAL LARGE CURRENT	14-002836-01P
IC5	IC M5216L DUAL LARGE CURRENT	14-002836-01P
IC6	IC M5216L DUAL LARGE CURRENT	14-002836-01P
IC7	IC M5216L DUAL LARGE CURRENT	14-002836-01P
IC8	IC M5216L DUAL LARGE CURRENT	14-002836-01P
IC9	IC M5216L DUAL LARGE CURRENT	14-002836-01P
IC10	IC M5216L DUAL LARGE CURRENT	14-002836-01P
IC11	IC M5216L DUAL LARGE CURRENT	14-002836-01P
IC12	IC M5216L DUAL LARGE CURRENT	14-002836-01P
IC13	IC 74HC4538 DUAL MONO MULTI VI	14-A04041-01P
IC14	IC PCF8574 8 BIT REM I/O ECPND	14-A03036-01P
IC15	IC TDA8444 OCTAL 6-BIT DAC	14-A03037-01P
IC16	IC TDA8444 OCTAL 6-BIT DAC	14-A03037-01P
IC17	IC TDA8444 OCTAL 6-BIT DAC	14-A03037-01P
IC18	IC TDA8444 OCTAL 6-BIT DAC	14-A03037-01P
IC19	IC 74AC00 QUAD 2-I/P NAND	14-A04074-02P
IC20	IC 74AC10 TRIPLE 3 I/P NAND	14-A04085-01P
IC21	IC SM 80C154 8-BIT MICROCTRLR	72-A06011-01P

Remote Control Module (02-270010-35P / 03-270010-35P) - continued

ID	Description	Electrohome #
IC22	IC DS1232 MICRO MONITOR	14-004702-01P
IC23	IC 74AC373 OCT AL D-LATCH 3-ST	14-A04010-02P
IC24	IC PROG 27C512-170 V3.4	14-P01024-40P
IC25	IC PROG 27C512-170 V3.4	14-P01025-40P
IC26	IC PROG 27C512-170 V3.4	14-P01026-40P
IC27	IC 74AC540 OCT BUS/BUT 3-ST/IN	14-A04065-02P
IC28	IC 74AC245 OCT BUS XCVR 3-ST	14-A04055-02P
IC29	IC DS1230Y-150 256K N-V SRAM	14-A05045-03P
IC30	IC PCF8574 8 BIT REM I/O ECPND	14-A03036-01P
IC31	IC PCF8574 8 BIT REM I/O ECPND	14-A03036-01P
IC32	IC PCF8574 8 BIT REM I/O ECPND	14-A03036-01P
IC33	IC 74AC540 OCT BUS/BUT 3-ST/IN	14-A04065-02P
IC34	IC 74AC245 OCT BUS XCVR 3-ST	14-A04055-02P
IC35	IC 74AHCT640 OCT BUS XCVR	14-A04076-01P
IC36	IC 74AHCT640 OCT BUS XCVR	14-A04076-01P
IC37	IC 74AC245 OCT BUS XCVR 3-ST	14-A04055-02P
LD1	LED RED 3V .09A	14-001016-02P
LD2	LED GREEN 3V .09A	14-001016-01P
P1	Connector 96 Pin RA PLUG DIN	34-001057-03P
R1	Resistor 1M .5W 5% MET FILM	80-110045-11P
R2	Resistor 1M .5W 5% MET FILM	80-110045-11P
R3	Resistor 470R .5W 5% MET FILM	80-147005-11P
R4	Resistor 470R .5W 5% MET FILM	80-147005-11P
R5	Resistor 470R .5W 5% MET FILM	80-147005-11P
R6	Resistor 24K .5W 5% MET FILM	80-124025-11P
R7	Resistor 24K .5W 5% MET FILM	80-124025-11P
R8	Resistor 24K .5W 5% MET FILM	80-124025-11P
R9	Resistor 100R .5W 5% MET FILM	80-110005-11P
R10	Resistor 100R .5W 5% MET FILM	80-110005-11P
R11	Resistor 4K7 .5W 5% MET FILM	80-147015-11P
R12	Resistor 4K7 .5W 5% MET FILM	80-147015-11P
R13	Resistor 24K .5W 5% MET FILM	80-124025-11P
R14	Resistor 300K .5W 5% MET FILM	80-130035-11P
R15	Resistor 4K7 .5W 5% MET FILM	80-147015-11P
R17	Resistor 24K .5W 5% MET FILM	80-124025-11P
R18	Resistor 4K7 .5W 5% MET FILM	80-147015-11P
R19	Resistor 24K .5W 5% MET FILM	80-124025-11P
R20	Resistor 100R .5W 5% MET FILM	80-110005-11P
R21	Resistor 300K .5W 5% MET FILM	80-130035-11P
R22	Resistor 300K .5W 5% MET FILM	80-130035-11P
R23	Resistor 300K .5W 5% MET FILM	80-130035-11P
R24	Resistor 24K .5W 5% MET FILM	80-124025-11P
R25	Resistor 24K .5W 5% MET FILM	80-124025-11P
R26	Resistor 24K .5W 5% MET FILM	80-124025-11P

Remote Control Module (02-270010-35P / 03-270010-35P) - continued

ID	Description	Electrohome #
R27	Resistor 24K .5W 5% MET FILM	80-124025-11P
R28	Resistor 24K .5W 5% MET FILM	80-124025-11P
R29	Resistor 300K .5W 5% MET FILM	80-130035-11P
R30	Resistor 4K7 .5W 5% MET FILM	80-147015-11P
R31	Resistor 4K7 .5W 5% MET FILM	80-147015-11P
R32	Resistor 4K7 .5W 5% MET FILM	80-147015-11P
R33	Resistor 4K7 .5W 5% MET FILM	80-147015-11P
R34	Resistor 300K .5W 5% MET FILM	80-130035-11P
R35	Resistor 4K7 .5W 5% MET FILM	80-147015-11P
R36	Resistor 300K .5W 5% MET FILM	80-130035-11P
R37	Resistor 4K7 .5W 5% MET FILM	80-147015-11P
R38	Resistor 4K7 .5W 5% MET FILM	80-147015-11P
R39	Resistor 4K7 .5W 5% MET FILM	80-147015-11P
R40	Resistor 4K7 .5W 5% MET FILM	80-147015-11P
R41	Resistor 4K7 .5W 5% MET FILM	80-147015-11P
R42	Resistor 4K7 .5W 5% MET FILM	80-147015-11P
R43	Resistor 4K7 .5W 5% MET FILM	80-147015-11P
R44	Resistor 4K7 .5W 5% MET FILM	80-147015-11P
R45	Resistor 4K7 .5W 5% MET FILM	80-147015-11P
R46	Resistor 4K7 .5W 5% MET FILM	80-147015-11P
R47	Resistor 4K7 .5W 5% MET FILM	80-147015-11P
R48	Resistor 4K7 .5W 5% MET FILM	80-147015-11P
R49	Resistor 4K7 .5W 5% MET FILM	80-147015-11P
R50	Resistor 4K7 .5W 5% MET FILM	80-147015-11P
R51	Resistor 4K7 .5W 5% MET FILM	80-147015-11P
R52	Resistor 4K7 .5W 5% MET FILM	80-147015-11P
R53	Resistor 1K .5W 5% MET FILM	80-110015-11P
R54	Resistor 2K .5W 5% MET FILM	80-120015-11P
R55	Resistor 10K .5W 5% MET FILM	80-110025-11P
R56	Resistor 4K7 .5W 5% MET FILM	80-147015-11P
R57	Resistor 300K .5W 5% MET FILM	80-130035-11P
R58	Resistor 100R .5W 5% MET FILM	80-110005-11P
R59	Resistor 5K6 .5W 5% MET FILM	80-156015-11P
R60	Resistor 10K .5W 5% MET FILM	80-110025-11P
R61	Resistor 5K6 .5W 5% MET FILM	80-156025-11P
R62	Resistor 1K5 .5W 5% MET FILM	80-115015-11P
R63	Resistor 100R .5W 5% MET FILM	80-110005-11P
R64	Resistor 10K .5W 5% MET FILM	80-110025-11P
R65	Resistor 10K .5W 5% MET FILM	80-110025-11P
R66	Resistor 100R .5W 5% MET FILM	80-110005-11P
R67	Resistor 100R .5W 5% MET FILM	80-110005-11P
R68	Resistor 4K7 .5W 5% MET FILM	80-147015-11P
R69	Resistor 10K .5W 5% MET FILM	80-110025-11P
R70	Resistor 4K7 .5W 5% MET FILM	80-147015-11P

Remote Control Module (02-270010-35P / 03-270010-35P) - continued

ID	Description	Electrohome #
R71	Resistor 100R .5W 5% MET FILM	80-110005-11P
R72	Resistor 100R .5W 5% MET FILM	80-110005-11P
R73	Resistor 10K .5W 5% MET FILM	80-110025-11P
R74	Resistor 100R .5W 5% MET FILM	80-110005-11P
R75	Resistor 10K .5W 5% MET FILM	80-110025-11P
R76	Resistor 10K .5W 5% MET FILM	80-110025-11P
R77	Resistor 10K .5W 5% MET FILM	80-110025-11P
R78	Resistor 10K .5W 5% MET FILM	80-110025-11P
RN1	Resistor NTRK 10Pin 27K BUS	43-000053-03P
RN2	Resistor NTRK 10Pin 10K BUS	43-000053-02P
RN3	Resistor NTRK 10Pin 4K7 BUS	43-000053-01P
RN4	Resistor NTRK 10Pin 27K BUS	43-000053-03P
RN5	Resistor NTRK 10Pin 10K BUS	43-000053-02P
RN6	Resistor NTRK 10Pin 4K7 BUS	43-000053-01P
RN7	Resistor NTRK 10Pin 10K BUS	43-000053-02P
RN8	Resistor NTRK 10Pin 10K BUS	43-000053-02P
RN9	Resistor NTRK 10Pin 10K BUS	43-000053-02P
RN10	Resistor NTRK 10Pin 10K BUS	43-000053-02P
RN11	Resistor NTRK 10Pin 10K BUS	43-000053-02P
RN12	Resistor NTRK 10Pin 10K BUS	43-000053-02P
RN13	Resistor NTRK 10Pin 10K BUS	43-000053-02P
SW10	Switch MOMENTARY CONTACT NO.	26-000343-01P
Y1	Crystal 16.0MHZ PARALLEL	37-000020-04P
ZD1	Diode Zener 1N5231C 5.1V 2%	14-000515-98P
ZD2	Diode Zener 1N5231C 5.1V 2%	14-000515-98P
ZD4	Diode Zener 1N4735A 6.2V 5% 1W	14-000531-38P
ZD5	Diode Zener 1N5231C 5.1V 2%	14-000515-98P

**Vertical
Deflection &
Horizontal
Regulation
Module**
Vert. Deflection & Horiz. Reg. Module (02-270009-01P / 03-270009-01P)

ID	Description	Electrohome #
C1	Capacitor ELR-MIN 100U 25V 20%	85-011005-02P
C2	Capacitor ELR-MIN 100U 25V 20%	85-011005-02P
C4	Capacitor ELR-MIN 100U 25V 20%	85-011005-02P
C5	Capacitor MYR---5 10N 100V 10%	85-101108-01P
C6	Capacitor MYR---5 100N 100V 10%	85-102110-02P
C9	Capacitor MYR---5 100N 100V 10%	85-102110-02P
C10	Capacitor MYR---5 100N 100V 10%	85-102110-02P
C11	Capacitor MLR-Z5U 100N 50V 20%	85-170308-01P
C12	Capacitor MLR-Z5U 100N 50V 20%	85-170308-01P
C13	Capacitor MLR-Z5U 100N 50V 20%	85-170308-01P
C15	Capacitor MLR-Z5U 100N 50V 20%	85-170308-01P
C16	Capacitor MYR---5 100N 100V 10%	85-102110-02P
C17	Capacitor MLR-Z5U 100N 50V 20%	85-170308-01P
C19	Capacitor ELR-MIN 10U 50V 20%	85-010608-01P
C20	Capacitor ELR-MIN 10U 50V 20%	85-010608-01P
C22	Capacitor ELR-MIN 10U 50V 20%	85-010608-01P
C23	Capacitor ELR-MIN 4U7 50V 20%	85-010508-01P
C24	Capacitor ELR-MIN 4U7 50V 20%	85-010508-01P
C25	Capacitor ELR-MIN 4U7 50V 20%	85-010508-01P
C26	Capacitor ELEC 22U 25V 20%	84-422004-01P
C28	Capacitor ELR-MIN 3U3 50V 20%	85-010408-01P
C29	Capacitor ELR-MIN 3U3 50V 20%	85-010408-01P
C30	Capacitor ELR-MIN 3U3 50V 20%	85-010408-01P
C31	Capacitor MYR---5 15N 50V 10%	85-100001-01P
C32	Capacitor MYR---5 220N 50V 10%	85-102308-01P
C33	Capacitor MYR---5 220N 50V 10%	85-102308-01P
C34	Capacitor ELR-MIN 220U 25V 20%	85-011105-04P
C35	Capacitor MLC-NPO RD 1N0 50V 1%	85-131408-01P
C36	Capacitor MLC-NPO RD 1N0 50V 1%	85-131408-01P
C37	Capacitor ELEC 22U 25V 20%	84-422004-01P
C38	Capacitor ELEC 22U 25V 20%	84-422004-01P
C39	Capacitor MLR-Z5U 470N 50V 20%	85-170708-02P
C40	Capacitor CER DISC Z5P 1N0 500V 10%	86-310213-02P
C41	Capacitor CER DISC Z5P 1N0 500V 10%	86-310213-02P
C47	Capacitor 10NF 500V 20%	46-310327-11P
C48	Capacitor MYR---5 330N 63V 10%	85-102509-03P
C49	Capacitor ELR-MIN 100U 25V 20%	85-011005-02P
C50	Capacitor MLR-Z5U 100N 50V 20%	85-170308-01P
C51	Capacitor ELR-MIN 100U 25V 20%	85-011005-02P
C53	Capacitor MLR-Z5U 100N 50V 20%	85-170308-01P
C54	Capacitor ELR-MIN 10U 50V 20%	85-010608-01P
C55	Capacitor CRR-NPO 100P 100V 2%	85-112210-01P
C56	Capacitor CRR-NPO 100P 100V 2%	85-112210-01P
C57	Capacitor CRR-NPO 100P 100V 2%	85-112210-01P
C58	Capacitor ELR-MIN 470UF 16V 20%	85-010007-01P
C59	Capacitor ELR-MIN 22UF 250V 20%	85-010004-01P

Vert. Deflection Module (02-270009-01P / 03-270009-01P) - continued

ID	Description	Electrohome #
C60	Capacitor ELR-MIN 22UF 250V 20%	85-010004-01P
C61	Capacitor ELR-MIN 22UF 250V 20%	85-010004-01P
C62	Capacitor ELR-MIN 22UF 250V 20%	85-010004-01P
C63	Capacitor CER DISC Z5P 390P 500V 10%	86-339113-02P
C64	Capacitor ELR-MIN 470UF 16V 20%	85-010007-01P
C65	Capacitor CRR-NPO 100P 100V 2%	85-112210-01P
C66	Capacitor MYR---5 47N 100V 10%	85-101708-01P
C67	Capacitor CRR-Y5P 220P 100V 10%	85-200210-01P
C68	Capacitor CRR-Y5P 220P 100V 10%	85-200210-01P
C69	Capacitor CRR-Y5P 220P 100V 10%	85-200210-01P
C71	Capacitor MYR---5 4N7 100V 10%	85-100710-01P
C72	Capacitor MLR-Z5U 100N 50V 20%	85-170308-01P
D14	Diode REC BYV26 .5A 350V	14-000525-07P
D20	Diode REC BYV26 .5A 350V	14-000525-07P
D21	RECTIFIER BARRIER 1N5817	14-000533-02P
D22	RECTIFIER BARRIER 1N5817	14-000533-02P
D23	RECTIFIER BARRIER 1N5817	14-000533-02P
D24	RECTIFIER BARRIER 1N5817	14-000533-02P
IC1	IC TL084CN LIN OP-AMP QUAD BI	14-002104-01P
IC2	IC CD4098B TRIP 2-CH MUX/DE MU	14-A04021-01P
IC3	IC TDA1170S LIN VERT DEF	14-002084-02P
IC4	IC CA339 LIN COMP QUAD-VOLT	14-002154-01P
IC5	IC CA339 LIN COMP QUAD-VOLT	14-002154-01P
IC7	IC DG307CJ ANALOG SWITCH	14-A03009-01P
IC8	IC TDA4716C SMPS CONTROLLER	14-002830-01P
IC9	IC MC14049UB HEX BUFFER INV	14-A03014-01P
IC10	IC TL084CN LIN OP-AMP QUAD BI	14-002104-01P
L1	Choke RF 5.6 UH	21-001400-09P
L3	Choke 5.6UH	21-001400-24P
LD1	LED RED 3V .09A	14-001016-02P
LD2	LED RED 3V .09A	14-001016-02P
LD3	LED YELLOW 3V .06A	14-001016-03P
LD4	LED GREEN 3V .09A	14-001016-01P
LD5	LED GREEN 3V .09A	14-001016-01P
LD6	LED GREEN 3V .09A	14-001016-01P
LD7	LED GREEN 3V .09A	14-001016-01P
LD8	LED GREEN 3V .09A	14-001016-01P
LD9	LED GREEN 3V .09A	14-001016-01P
LD10	LED GREEN 3V .09A	14-001016-01P
P1	Connector 64 Pin RA PLUG DIN	34-001057-02P
Q1	Transistor 2N3904 40V .2A 35W NPN	14-000881-06P
Q4	Transistor 2N3904 40V .2A 35W NPN	14-000881-06P
Q6	Transistor MPSU10 300V .5A 1W NPN D	14-000982-14P
Q7	Transistor IRF731 350V HEXFET	14-A00704-01P
Q9	Transistor 2N3906 SMALL SIGNAL	14-000873-82P
Q10	Transistor 2N3906 SMALL SIGNAL	14-000873-82P

Vert. Deflection Module (02-270009-01P / 03-270009-01P) - continued

ID	Description	Electrohome #
Q11	Transistor MJE340 300V 20W NPN	14-000986-03P
Q12	Thyristor 2N5061 SCR	14-000566-01P
Q13	Transistor 2N3904 40V .2A 35W NPN	14-000881-06P
Q14	Transistor MJE350 300V 20W PNP	14-000986-04P
Q15	Transistor 2N3904 40V .2A 35W NPN	14-000881-06P
Q16	Transistor 2N3904 40V .2A 35W NPN	14-000881-06P
R1	Resistor 62K .5W 5% MET FILM	80-162025-11P
R2	Resistor 39K .5W 5% MET FILM	80-139025-11P
R3	Resistor 1R0 1/3W 1% METAL FLM	82-310081-29P
R5	Resistor 1K .5W 5% MET FILM	80-110015-11P
R6	Resistor 1K6 MET FILM	80-116015-11P
R10	Carbon Trim Pot 10K 72PR10K	41-000344-10P
R12	Resistor 24K .5W 5% MET FILM	80-124025-11P
R13	Resistor 100K .5W 5% MET FILM	80-110035-11P
R14	Resistor 100K .5W 5% MET FILM	80-110035-11P
R16	Resistor 100K .5W 5% MET FILM	80-110035-11P
R17	Resistor 100K .5W 5% MET FILM	80-110035-11P
R18	Resistor 100K .5W 5% MET FILM	80-110035-11P
R21	Resistor 1K5 .5W 5% MET FILM	80-115015-11P
R22	Resistor 820R .5W 5% MET FILM	80-182005-11P
R23	Resistor 10K .5W 5% MET FILM	80-110025-11P
R25	Resistor 220K .5W 5% MET FILM	80-122035-11P
▲ R27	Resistor .82R 2W 5%	42-000134-01P
R28	Resistor 33K .5W 5% MET FILM	80-133025-11P
R29	Resistor 4K7 .5W 5% MET FILM	80-147015-11P
R30	Resistor 4K7 .5W 5% MET FILM	80-147015-11P
R31	Resistor 4K7 .5W 5% MET FILM	80-147015-11P
R32	Resistor 4K7 .5W 5% MET FILM	80-147015-11P
R39	Resistor 150K .5W 5% MET FILM	80-115035-11P
R41	Resistor 1M .5W 5% MET FILM	80-110045-11P
R45	Resistor 30K .5W 5% MET FILM	80-130025-11P
▲ R46	Resistor 22R .5W 5% MET FILM	80-122095-11P
R48	Resistor 18K .5W 5% MET FILM	80-118025-11P
R49	Resistor 2K2 .5W 5% MET FILM	80-122015-11P
R50	Resistor 1K5 .5W 5% MET FILM	80-115015-11P
R52	Resistor 3K9 .5W 5% MET FILM	80-139015-11P
R53	Resistor 2K2 .5W 5% MET FILM	80-122015-11P
R56	Resistor 10K .5W 5% MET FILM	80-110025-11P
R57	Resistor 10K .5W 5% MET FILM	80-110025-11P
R60	Resistor 10K .5W 5% MET FILM	80-110025-11P
R61	Resistor 10K .5W 5% MET FILM	80-110025-11P
R63	Resistor 10K .5W 5% MET FILM	80-110025-11P
R64	Resistor 10K .5W 5% MET FILM	80-110025-11P
R65	Resistor 10K .5W 5% MET FILM	80-110025-11P
R66	Resistor 10K .5W 5% MET FILM	80-110025-11P
R67	Resistor 10K .5W 5% MET FILM	80-110025-11P

Vert. Deflection Module (02-270009-01P / 03-270009-01P) - continued

	ID	Description	Electrohome #
▲	R68	Resistor 10R .5W 5% MET FILM	80-110095-11P
	R69	Resistor 20K .5W 5% MET FILM	80-120025-11P
	R73	Resistor 2K7 .5W 5% MET FILM	80-127015-11P
	R74	Resistor 3K .5W 5% MET FILM	80-130015-11P
	R75	Resistor 150R .5W 5% MET FILM	80-115005-11P
	R76	Resistor 820R .5W 5% MET FILM	80-182005-11P
	R77	Resistor 220R .5W 5% MET FILM	80-122005-11P
	R78	Resistor 3M9 .25W 5%	40-123955-31P
	R79	Resistor 12K .5W 5% MET FILM	80-112025-11P
▲	R80	Resistor 10R .5W 5%	42-000125-10P
▲	R81	Resistor 22K 1W 5%	42-000108-03P
▲	R82	Resistor 390R .25W 5%	42-000125-11P
	R84	Resistor 1K .5W 5% MET FILM	80-110015-11P
	R86	Resistor 47K .5W 5% MET FILM	80-147025-11P
	R87	Resistor 1K .5W 5% MET FILM	80-110015-11P
	R89	Resistor 47K .5W 5% MET FILM	80-147025-11P
	R90	Resistor 100R .5W 5% MET FILM	80-110005-11P
	R91	Resistor 4K7 .5W 5% MET FILM	80-147015-11P
	R92	Resistor 4K7 .5W 5% MET FILM	80-147015-11P
	R94	Resistor 150K .5W 5% MET FILM	80-115035-11P
	R95	Resistor 150K .5W 5% MET FILM	80-115035-11P
	R96	Resistor 150K .5W 5% MET FILM	80-115035-11P
	R98	Resistor 2K2 .5W 5% MET FILM	80-122015-11P
	R99	Resistor 2K2 .5W 5% MET FILM	80-122015-11P
	R100	Resistor 10K .5W 5% MET FILM	80-110025-11P
	R101	Resistor 2K7 .5W 5% MET FILM	80-127015-11P
	R102	Resistor 10K .5W 5% MET FILM	80-110025-11P
	R103	Resistor 3K3 .5W 5% MET FILM	80-133015-11P
	R104	Resistor 20K .5W 5% MET FILM	80-120025-11P
	R105	Resistor 2K7 .5W 5% MET FILM	80-127015-11P
	R106	Resistor 820R .5W 5% MET FILM	80-182005-11P
	R107	Carbon Trim Pot 50K	41-000344-43P
	R108	Resistor 5K1 .5W 5% MET FILM	80-151015-11P
	R109	Resistor 5K1 .5W 5% MET FILM	80-151015-11P
	R110	Resistor 10M .25W 5%	40-121065-31P
	R111	Resistor 270K .5W 5% MET FILM	80-127035-11P
	R112	Resistor 180K .5W 5% MET FILM	80-118035-11P
	R113	Resistor 6K2 .5W 5% MET FILM	80-162015-11P
	R115	Resistor 3K3 .5W 5% MET FILM	80-133015-11P
	R116	Resistor 3K3 .5W 5% MET FILM	80-133015-11P
	R117	Resistor 390K .5W 5% MET FILM	80-139035-11P
	R118	Carbon Trim Pot 50K	41-000344-43P
	R119	Resistor 47K 2W 5%	40-624735-01P
	R120	Resistor 22K 1W 5%	42-000108-03P

Vert. Deflection Module (02-270009-01P / 03-270009-01P) - continued

ID	Description	Electrohome #
R123	Resistor 1M .5W 5% MET FILM	80-110045-11P
R124	Resistor 1M .5W 5% MET FILM	80-110045-11P
R125	Resistor 1M .5W 5% MET FILM	80-110045-11P
R126	Resistor 1K5 .5W 5% MET FILM	80-115015-11P
R128	Resistor 56R .5W 5% MET FILM	80-156095-11P
R129	Resistor 5K6 .5W 5% MET FILM	80-156015-11P
R130	Resistor 510R .5W 5% MET FILM	80-151005-11P
R131	Resistor 10K .5W 5% MET FILM	80-110025-11P
R132	Resistor 2K .5W 5% MET FILM	80-120015-11P
R133	Resistor 8K2 .5W 5% MET FILM	80-182015-11P
R134	Resistor 1K2 .5W 5% MET FILM	80-112015-11P
R135	Carbon Trim Pot 500R	41-000344-06P
R136	Resistor 100R .5W 5% MET FILM	80-110005-11P
R137	Resistor 100R .5W 5% MET FILM	80-110005-11P
R138	Resistor 2K2 .5W 5% MET FILM	80-122015-11P
R139	Resistor 2K2 .5W 5% MET FILM	80-122015-11P
R140	Resistor 10K .5W 5% MET FILM	80-110025-11P
R141	Resistor 100K .5W 5% MET FILM	80-110035-11P
R142	Resistor 3K3 .5W 5% MET FILM	80-133015-11P
R143	Resistor 4K7 .5W 5% MET FILM	80-147015-11P
R144	Resistor 22K .5W 5% MET FILM	80-122025-11P
R145	Resistor 33K .5W 5% MET FILM	80-133025-11P
R146	Resistor 300R .5W 5% MET FILM	80-130005-11P
R147	Resistor 100K .5W 5% MET FILM	80-110035-11P
R148	Resistor 1K .5W 5% MET FILM	80-110015-11P
R150	Resistor 10R .5W 5% MET FILM	80-110095-11P
T1	Choke DEFLECTION POWER SUPPLY	24-161012-01P
TP1	Pin Radio .062	34-000490-02P
ZD1	Diode Zener 1N5231C 5.1V 2%	14-000515-98P
ZD2	Diode Zener 1N5231C 5.1V 2%	14-000515-98P
ZD3	Diode Zener 1N5242 -12V 5%	14-000531-35P
ZD4	Diode Zener 1N5231C 5.1V 2%	14-000515-98P
ZD5	Diode Zener 1N5231C 5.1V 2%	14-000515-98P
ZD6	Diode Zener 1N4740 10V 2% 1W	14-000515-83P

**Video Control
Module** ►*Video Control Module (02-270011-03P / 03-270011-03P)*

ID	Description	Electrohome #
	NUT HEXAGON #4-40 X 3/16 (MT P1)	33-000009-42P
	Screw #4-40X3/8 MC PH BLK OX (MT P1)	31-700414-06P
C7	Capacitor CRS-NPO 33P 100V 5% 1206	85-151810-02P
C8	Capacitor 100N 50V 10%X7R CHIP	66-310411-05P
C39-41	Capacitor 100N 50V 10%X7R CHIP	66-310411-05P
C42	Capacitor 10N 50V X 7R CHIP	66-310311-05P
C45	Capacitor MLR-Z5U 100N 50V 20% 01	85-170308-01P
C47-54	Capacitor MLR-Z5U 100N 50V 20% 01	85-170308-01P

Video Control Module (02-270011-03P / 03-270011-03P) - continued ...

ID	Description	Electrohome #
C56-61	Capacitor MLR-Z5U 100N 50V 20% 01	85-170308-01P
C64	Capacitor MLR-Z5U 100N 50V 20% 01	85-170308-01P
C65	Capacitor MLR-Z5U 100N 50V 20% 01	85-170308-01P
C67	Capacitor MLR-Z5U 100N 50V 20% 01	85-170308-01P
C68	Capacitor MLR-Z5U 100N 50V 20% 01	85-170308-01P
C70	Capacitor ELR-MIN 10U 50V 20% 01	85-010608-01P
C72-78	Capacitor 100N 50V 10%X7R CHIP	66-310411-05P
C80-89	Capacitor 100N 50V 10%X7R CHIP	66-310411-05P
C100	Capacitor 10PF 50V 5% NPO CHIP	66-410041-05P
C101	Capacitor 10PF 50V 5% NPO CHIP	66-410041-05P
C102	Capacitor 1NF 50V 2% NPO	66-410231-05P
C103	Capacitor 10PF 50V 5% NPO CHIP	66-410041-05P
C104	Capacitor 1NF 50V 2% NPO	66-410231-05P
C105	Capacitor 1NF 50V 2% NPO	66-410231-05P
C106	Tantalum Chip 10UF 16V	64-210134-11P
C107	Tantalum Chip 10UF 16V	64-210134-11P
C108	Tantalum Chip 10UF 16V	64-210134-11P
C109	Tantalum Chip 10UF 16V	64-210134-11P
C110	Tantalum Chip 10UF 16V	64-210134-11P
C111	Tantalum Chip 10UF 16V	64-210134-11P
C112	Tantalum Chip 10UF 16V	64-210134-11P
C113	Tantalum Chip 10UF 16V	64-210134-11P
C114	Tantalum Chip 10UF 16V	64-210134-11P
C115	Capacitor ELR-MIN 330UF 16V 20% 03	85-010006-01P
C119	Capacitor 3P3	66-433801-05P
C120	Capacitor 3P3	66-433801-05P
C121	Capacitor 3P3	66-433801-05P
C125	Capacitor 470PF 50V NPO CHIP	66-447141-05P
C126	Capacitor 330PF 50V 5% CHIP	66-433141-05P
C127	Capacitor 100N 50V 10%X7R CHIP	66-310411-05P
C133	Capacitor ELR-MIN 10U 50V 20% 01	85-010608-01P
C137	Capacitor MLR-Z5U 100N 50V 20% 01	85-170308-01P
C138	Capacitor MLR-Z5U 100N 50V 20% 01	85-170308-01P
C139	Capacitor MYR---5 470N 50V 10% 03	85-102708-03P
C140	Capacitor MYR---5 470N 50V 10% 03	85-102708-03P
C141	Capacitor MYR---5 470N 50V 10% 03	85-102708-03P
C142	Capacitor MYR---5 10N 100V 10% 01	85-101108-01P
C143	Capacitor MYR---5 470N 50V 10% 03	85-102708-03P
C144	Capacitor MYR---5 470N 50V 10% 03	85-102708-03P
C146	Capacitor ELR-MIN 330UF 16V 20% 03	85-010006-01P
C147	Capacitor MYR---5 470N 50V 10% 03	85-102708-03P
C149	Capacitor MYR---5 470N 50V 10% 03	85-102708-03P
C151	Capacitor MYR---5 470N 50V 10% 03	85-102708-03P
C152	Capacitor MYR---5 470N 50V 10% 03	85-102708-03P
C153	Capacitor 100N 50V 10%X7R CHIP	66-310411-05P
C154	Capacitor 100N 50V 10%X7R CHIP	66-310411-05P

Video Control Module (02-270011-03P / 03-270011-03P) - continued ...

ID	Description	Electrohome #
C155	Capacitor 100N 50V 10%X7R CHIP	66-310411-05P
C156	Capacitor MLR-Z5U 100N 50V 20% 01	85-170308-01P
C157	Capacitor ELR-MIN 1U0 50V 20% 01	85-010208-01P
C162	Capacitor 100N 50V 10%X7R CHIP	66-310411-05P
C163	Capacitor ELR-MIN 10U 50V 20% 01	85-010608-01P
C164	Capacitor ELR-MIN 10U 50V 20% 01	85-010608-01P
C165	Capacitor ELR-MIN 10U 50V 20% 01	85-010608-01P
C166	Capacitor CRR-Y5P 220P 100V 10% 01	85-200210-01P
C167	Capacitor CRR-Y5P 1N0 100V 10% 01	85-201010-01P
C168	Capacitor 22PF 50V 5% NPO CHIP	66-422041-05P
C169	Capacitor 22PF 50V 5% NPO CHIP	66-422041-05P
C170	Capacitor 22PF 50V 5% NPO CHIP	66-422041-05P
C171	Capacitor 100N 50V 10%X7R CHIP	66-310411-05P
D1	Diode MMBD914 LT1 CHIP SWITCH	72-000513-01P
D5	Diode MMBD914 LT1 CHIP SWITCH	72-000513-01P
D10	Diode MMBD914 LT1 CHIP SWITCH	72-000513-01P
D11	Diode MMBD914 LT1 CHIP SWITCH	72-000513-01P
D12	Diode MMBD914 LT1 CHIP SWITCH	72-000513-01P
D13	Diode MMBD914 LT1 CHIP SWITCH	72-000513-01P
D14	Diode 1N914 A .075A 75V T	14-000513-01P
D15	Diode MMBD914 LT1 CHIP SWITCH	72-000513-01P
D16	Diode MMBD914 LT1 CHIP SWITCH	72-000513-01P
D17	Diode MMBD914 LT1 CHIP SWITCH	72-000513-01P
D18	Diode MMBD914 LT1 CHIP SWITCH	72-000513-01P
IC2	IC NE59208 DIFFERENTIAL VID	72-002002-02P
IC3	IC MULMC1595L KIN ARITH 4-QUAD	14-002095-01P
IC5	IC NE59208 DIFFERENTIAL VID	72-002002-02P
IC6	IC MULMC1595L KIN ARITH 4-QUAD	14-002095-01P
IC8	IC NE59208 DIFFERENTIAL VID	72-002002-02P
IC9	IC MULMC1595L KIN ARITH 4-QUAD	14-002095-01P
IC10	IC TL431C REG PREC SHUNT	14-002833-01P
IC11	IC 74HC4053 SM HIGH SPEED LOG	72-A04001-01P
IC12	IC TLC555C TIMING CIRCUIT	14-A04069-01P
IC20	IC 74HC590 8-B BIN COUNTER 3ST	14-A04067-01P
IC21	IC 74S05 HEX INVERT W/O.C	14-004696-01P
IC22	IC 74HC191 4B BIN U/O COUNTER	14-A04066-01P
IC23	IC 74HC191 4B BIN U/O COUNTER	14-A04066-01P
IC24	IC 74AHCT165 8 BIT PISO SHIFT	14-A04043-02P
IC25	IC 74LS593 DIG 8 BIT CNTR	14-004689-01P
IC26	IC Programmed CY7281 V3.4	14-P01126-40P
IC27	IC Programmed VIDEO CONTROL	14-P01127-02P
IC28	IC 74HC374 OCTAL D-FF 3-ST	14-A04011-01P
IC29	IC Programmed PAL V2.2/V3.1	14-P01129-02P
IC30	IC CY7C128 2KX8 CMOS STAT RAM	14-A05037-02P
IC31	IC 74LS593 DIG 8 BIT CNTR	14-004689-01P
IC32	IC 74HC4040 BIN RIPPLE COUNTER	14-A04040-01P

Video Control Module (02-270011-03P / 03-270011-03P) - continued ...

ID	Description	Electrohome #
IC33	IC 74HC191 4B BIN U/O COUNTER	14-A04066-01P
IC34	IC 74HC590 8-B BIN COUNTER 3ST	14-A04067-01P
IC36	IC 74HC174 HEX D-FF W/CLEAR	14-A04047-01P
IC37	IC 74HC245 OCT BUS XCVR 3-ST	14-A04042-01P
IC38	IC 74HC245 OCT BUS XCVR 3-ST	14-A04042-01P
IC39	IC 74HC125 QUAD BUS BUF 3-ST	14-A04078-01P
IC41	IC TL082BC LIN AMP OP	14-002813-09P
IC42	IC L4810CV REGULATOR	14-002845-01P
P1	Connector 64 PIN RA PLUG DIN	34-001057-02P
Q10	Transistor MMBF4392 CHIP FET	72-000701-01P
Q11	Transistor MMBR901 NPN RF	72-000561-02P
Q12	Transistor MMBR901 NPN RF	72-000561-02P
Q13	Transistor MMBR901 NPN RF	72-000561-02P
Q14	Transistor MMBR521 PNP SMD	72-000561-07P
Q15	Transistor MMBR521 PNP SMD	72-000561-07P
Q16	Transistor MMBR521 PNP SMD	72-000561-07P
Q17	Transistor MMBF4392 CHIP FET	72-000701-01P
Q18	Transistor MMBF4392 CHIP FET	72-000701-01P
Q19	Transistor MMBF4392 CHIP FET	72-000701-01P
Q22	Transistor 2N3904 40V .2A 35W NPN	14-000881-06P
Q23	Transistor BCV72 CHIP	72-000561-04P
Q8	Transistor MMBF4392 CHIP FET	72-000701-01P
Q9	Transistor MMBF4392 CHIP FET	72-000701-01P
R7	Resistor CHIP 10K .25W 5%	70-710023-21P
R8	Resistor CHIP 10K .25W 5%	70-710023-21P
R9	Resistor CHIP 4K7 .25W 5%	70-747013-21P
R12	Resistor CHIP 680R .25W 5%	70-768003-21P
R36	Resistor 75R 1/3W 1%	82-375091-29P
R64	Resistor 75R 1/3W 1%	82-375091-29P
R92	Resistor 75R 1/3W 1%	82-375091-29P
R97	Resistor CHIP 1M .25W 5%	70-710043-21P
R98	Resistor CHIP 24R .25W 5%	70-724093-21P
R99	Resistor CHIP 24R .25W 5%	70-724093-21P
R103	Resistor CHIP 24R .25W 5%	70-724093-21P
R104	Resistor CHIP 10K .25W 5%	70-710023-21P
R105	Resistor CHIP 10K .25W 5%	70-710023-21P
R106	Resistor CHIP 470R .25W 5%	70-747003-21P
R113	TrimPot 20 TURN 5K	41-000345-05P
R114	TrimPot 20 TURN 5K	41-000345-05P
R115	TrimPot 20 TURN 5K	41-000345-05P
R120	Resistor CHIP 1M .25W 5%	70-710043-21P
R121	Resistor CHIP 1M .25W 5%	70-710043-21P
R123	Resistor CHIP 10K .25W 5%	70-710023-21P
R124	Resistor CHIP 10K .25W 5%	70-710023-21P
R125	Resistor CHIP 10K .25W 5%	70-710023-21P
R126	Resistor CHIP 10K .25W 5%	70-710023-21P

Video Control Module (02-270011-03P / 03-270011-03P) - continued ...

ID	Description	Electrohome #
R127	Resistor CHIP 10K .25W 5%	70-710023-21P
R128	Resistor CHIP 10K .25W 5%	70-710023-21P
R129	Resistor CHIP 10K .25W 5%	70-710023-21P
R130	Resistor CHIP 1M .25W 5%	70-710043-21P
R131	Resistor CHIP 1M .25W 5%	70-710043-21P
R132	Resistor CHIP 100R .25W 5%	70-710003-21P
R133	Resistor CHIP 680R .25W 5%	70-768003-21P
R134	Resistor CHIP 200R .25W 5%	70-720003-21P
R135	Resistor CHIP 200R .25W 5%	70-720003-21P
R136	Resistor CHIP 200R .25W 5%	70-720003-21P
R137	Resistor CHIP 100R .25W 5%	70-710003-21P
R138	Resistor CHIP 51R .25W 5%	70-751093-21P
R139	Resistor CHIP 51R .25W 5%	70-751093-21P
R140	Resistor CHIP 200R .25W 5%	70-720003-21P
R141	Resistor CHIP 200R .25W 5%	70-720003-21P
R142	Resistor CHIP 200R .25W 5%	70-720003-21P
R143	Resistor CHIP 100R .25W 5%	70-710003-21P
R144	Resistor CHIP 100R .25W 5%	70-710003-21P
R145	Resistor CHIP 51R .25W 5%	70-751093-21P
R146	Resistor CHIP 510R .25W 5%	70-751003-21P
R147	Resistor CHIP 510R .25W 5%	70-751003-21P
R148	Resistor CHIP 510R .25W 5%	70-751003-21P
▲ R149	Resistor CHIP 10R .25W 5%	70-710093-21P
R152	Resistor CHIP 10R .25W 5%	70-710093-21P
R153	Resistor CHIP 10R .25W 5%	70-710093-21P
R154	Resistor CHIP 75R .25W 5%	70-775093-21P
R155	Resistor CHIP 10R .25W 5%	70-710093-21P
R157	Resistor CHIP 10R .25W 5%	70-710093-21P
R158	Resistor CHIP 10R .25W 5%	70-710093-21P
R160	Resistor CHIP 10R .25W 5%	70-710093-21P
R161	Resistor CHIP 10R .25W 5%	70-710093-21P
R162	Resistor CHIP 10R .25W 5%	70-710093-21P
R163	Resistor CHIP 10R .25W 5%	70-710093-21P
R164	Resistor CHIP 75R .25W 5%	70-775093-21P
R165	Resistor CHIP 75R .25W 5%	70-775093-21P
R168	Resistor CHIP 1K5 .25W 5%	70-715013-21P
R169	Resistor CHIP 1K5 .25W 5%	70-715013-21P
R170	Resistor CHIP 1K1 .25W 5%	70-711013-21P
R171	Resistor CHIP 1K5 .25W 5%	70-715013-21P
R172	Resistor CHIP 1K1 .25W 5%	70-711013-21P
R173	Resistor CHIP 1K1 .25W 5%	70-711013-21P
R174	Resistor CHIP 1K3 .25W 5%	70-713013-21P
R175	Resistor CHIP 1K3 .25W 5%	70-713013-21P
R176	Resistor CHIP 1K3 .25W 5%	70-713013-21P
R177	Resistor CHIP 3K3 .25W 5%	70-733013-21P
R178	Resistor CHIP 3K3 .25W 5%	70-733013-21P

Video Control Module (02-270011-03P / 03-270011-03P) - continued ...

ID	Description	Electrohome #
R182	Resistor CHIP 1K .25W 5%	70-710013-21P
R183	Resistor CHIP 1K .25W 5%	70-710013-21P
R184	Resistor CHIP 1K .25W 5%	70-710013-21P
R185	Resistor 51R1 1/3W 1%	82-351191-29P
R186	Resistor 51R1 1/3W 1%	82-351191-29P
R187	Resistor 51R1 1/3W 1%	82-351191-29P
R188	Resistor CHIP 470R .25W 5%	70-747003-21P
R189	Resistor CHIP 470R .25W 5%	70-747003-21P
R190	Resistor CHIP 470R .25W 5%	70-747003-21P
R191	Resistor CHIP 470R .25W 5%	70-747003-21P
R192	Resistor CHIP 470R .25W 5%	70-747003-21P
R193	Resistor CHIP 910R .25W 5%	70-791003-21P
R194	Resistor CHIP 910R .25W 5%	70-791003-21P
R195	Resistor CHIP 910R .25W 5%	70-791003-21P
R196	Resistor CHIP 5K1 .25W 5%	70-751013-21P
R197	Resistor CHIP 5K1 .25W 5%	70-751013-21P
R198	Resistor CHIP 5K1 .25W 5%	70-751013-21P
R199	Resistor CHIP 5K1 .25W 5%	70-751013-21P
R200	Resistor CHIP 5K1 .25W 5%	70-751013-21P
R201	Resistor CHIP 5K1 .25W 5%	70-751013-21P
R205	Resistor CHIP 1K5 .25W 5%	70-715013-21P
R206	Resistor CHIP 1K5 .25W 5%	70-715013-21P
R207	Resistor CHIP 1K5 .25W 5%	70-715013-21P
R211	Resistor CHIP 4K7 .25W 5%	70-747013-21P
R212	Resistor CHIP 4K7 .25W 5%	70-747013-21P
R213	Resistor CHIP 1K .25W 5%	70-710013-21P
R219	Resistor 2K2 .5W 5% MET FILM	80-122015-11P
R220	Resistor 1K5 .5W 5% MET FILM	80-115015-11P
▲ R221	Resistor 10R .5W 5% MET FILM	80-110095-11P
R222	Resistor 10R .5W 5% MET FILM	80-110095-11P
R223	Resistor 1K .5W 5% MET FILM	80-110015-11P
R224	Resistor 91K .5W 5% MET FILM	80-191025-11P
R225	Resistor 100K .5W 5% MET FILM	80-110035-11P
R226	Resistor 180K .5W 5% MET FILM	80-118035-11P
▲ R228	Resistor 10R .5W 5% MET FILM	80-110095-11P
R229	Resistor 270R .5W 5% MET FILM	80-127005-11P
▲ R230	Resistor 10R .5W 5% MET FILM	80-110095-11P
▲ R231	Resistor 10R .5W 5% MET FILM	80-110095-11P
R232	Resistor 10R .5W 5% MET FILM	80-110095-11P
R233	Resistor CHIP 3R3 .25W 5%	70-733083-21P
▲ R234	Resistor CHIP 3R3 .25W 5%	70-733083-21P
▲ R235	Resistor CHIP 3R3 .25W 5%	70-733083-21P
R236	Resistor CHIP 820R .25W 5%	70-782003-21P
R237	Resistor CHIP 820R .25W 5%	70-782003-21P
R238	Resistor CHIP 820R .25W 5%	70-782003-21P
R239	Resistor 1K .5W 5% MET FILM	80-110015-11P

Video Control Module (02-270011-03P / 03-270011-03P) - continued ...

ID	Description	Electrohome #
R240	Resistor 1K .5W 5% MET FILM	80-110015-11P
R241	Resistor 10K .5W 5% MET FILM	80-110025-11P
R242	Resistor 10K .5W 5% MET FILM	80-110025-11P
R243	Resistor CHIP 470R .25W 5%	70-747003-21P
R244	Resistor CHIP 68R .25W 5%	70-768093-21P
R251	Resistor 270R .5W 5% MET FILM	80-127005-11P
R252	Resistor 100R .5W 5% MET FILM	80-110005-11P
R253	Resistor CHIP 56R .25W 5%	70-756093-21P
R254	Resistor CHIP 56R .25W 5%	70-756093-21P
R255	Resistor CHIP 56R .25W 5%	70-756093-21P
RN1	Resistor NETWORK 10PIN 1K BUS	43-000053-04P

Hysteresis PCB ➤
Hysteresis PCB (part of 02-270011-03P / 03-270011-03P)

ID	Description	Electrohome #
	Wire #24 FUSED TR64 1.5WHT 2-2 (MT IN WH12)	34-0159922-41P
C1	Capacitor CRR-NPO 10P 100V 2% 01	85-111010-01P
C2	Capacitor MLR-Z5U 10N 100V 20% 01	85-170108-01P
C3	Capacitor CERAMIC N1500 470P 100V 2%	86-647135-11P
C4	Capacitor CERAMIC N1500 470P 100V 2%	86-647135-11P
C5	Capacitor MLR-Z5U 100N 50V 20% 01	85-170308-01P
D1	Diode 1N914 A .075A 75V T	14-000513-01P
D2	Diode 1N914 A .075A 75V T	14-000513-01P
Q1	Transistor 2N7000 TMOS SS 60V .2A	14-A00705-01P
R1	Resistor 470R .5W 5% MET FILM	80-147005-11P
R2	Resistor 2K .5W 5% MET FILM	80-120015-11P
R3	Resistor 1K .5W 5% MET FILM	80-110015-11P
U1	IC 74HC4538 DUAL MONO MULTI VI	14-A04041-01P
U2	IC 74HC74 DUAL KD-FF W/PRE+CLR	14-A04007-01P
U3	IC 74HC14 SCHMITT INVERTER	14-A04073-01P

Video Output
Module

Video Output Module (02-270012-H1P / 03-270012-H1P)

ID	Description	Electrohome #
	Socket - CRT	34-000996-01P
	Socket - Cover (CRT)	34-000995-02P
C1	Capacitor 2N2 50V +-5% NPO	66-422241-05P
C2	Tantalum Chip 10UF 16V	64-210134-11P
C3	Tantalum Chip 10UF 16V	64-210134-11P
C4	Capacitor MLR-Z5U 470N 50V 20%	85-170708-02P
C5	Tantalum Chip 10UF 16V	64-210134-11P
C6	Capacitor 3P3	66-433801-05P
C7-8	Capacitor 100N 50V 10% X7R CHIP	66-310411-05P
C9	Tantalum Chip 10UF 16V	64-210134-11P
C10	Capacitor 330PF 50V 5% CHIP	66-433141-05P
C11	Capacitor 470PF 50V NPO CHIP	66-447141-05P
C12	Capacitor 100N 50V 10% X7R CHIP	66-310411-05P
C13-14	Capacitor MYLAR 100N 200V 10%	48-171042-02P
C15	Capacitor ELR-MIN 4U7 250V 20%	85-010008-01P
C16	Tantalum Chip 10UF 16V	64-210134-11P
C17	Tantalum Chip 10UF 16V	64-210134-11P
C18	Capacitor CER DISC Z5P 100P 2KV 10%	46-510112-30P
▲ C19	Capacitor 10N 50V X7R CHIP	66-310311-05P
▲ C20	Capacitor 10N 50V X7R CHIP	66-310311-05P
C21	Tantalum Chip 10UF 16V	64-210134-11P
C22	Capacitor 100N 50V 10% X7R CHIP	66-310411-05P
▲ C23	Capacitor 22PF 50V 5% NPO CHIP	66-422041-05P
▲ C24	Capacitor 22PF 50V 5% NPO CHIP	66-422041-05P
C26	Capacitor 100PF 500V 10% Z5P	46-310113-02P
D1	Diode MMBD7000	72-000513-04P
D2	Diode MMBD914 LT1 Chip SWITCH	72-000513-01P
D3	Diode MMBD2836 Chip SWITCHING	72-000513-02P
D4	Diode MMBD7000	72-000513-04P
D5	Diode MMBD914 LT1 Chip SWITCH	72-000513-01P
D6	Diode MMBD2838 Chip SWITCHING	72-000513-03P
D7	Diode MMBD2836 Chip SWITCHING	72-000513-02P
D8	Diode MMBD7000	72-000513-04P
D9	Diode MMBD7000	72-000513-04P
D10	Diode MMBD914 LT1 Chip SWITCH	72-000513-01P
D11	Diode MMBD914 LT1 Chip SWITCH	72-000513-01P
▲ D12	Diode MMBD7000	72-000513-04P
▲ D13	Diode MMBD7000	72-000513-04P
D14	Diode MMBD914 LT1 Chip SWITCH	72-000513-01P
▲ IC1	IC SOC814A OPTOCOUPLER	14-001012-01P
▲ IC2	IC SOC814A OPTOCOUPLER	14-001012-01P
L1	Coil TUNEABLE .5-1.1	21-001512-01P
L2	Coil PEAKING 120UH 10%	21-011212-02P
L3	INDUCTOR 1.8UH	21-001185-16P
L4	INDUCTOR 1UH	21-001185-13P
P1	Pin Radio .093	34-000490-01P
P2	Pin Radio .093	34-000490-01P

Video Output Module (02-270012-H1P / 03-270012-H1P) - continued

ID	Description	Electrohome #
P3	Pin Radio .093	34-000490-01P
P4	Pin Radio .093	34-000490-01P
P5	Pin Radio .093	34-000490-01P
P6	Pin Radio .093	34-000490-01P
P7	Header LOCKING	34-000813-10P
P8	Header .1 CTR STRAIGHT S ROW	34-000955-03P
P9	JACK RCA MINI STRAIGHT	34-001280-02P
P10	Pin Radio .093	34-000490-01P
Q1	Transistor MMBF4392 Chip FET	72-000701-01P
Q2	Transistor MMBR901 NPN RF	72-000561-02P
Q3	Transistor MMBR521 PNP SMD	72-000561-07P
Q4	Transistor 2N5109 20V .4A NPN	14-000562-02P
Q5	Transistor 2SC3782 NPN	14-000564-06P
Q6	Transistor 2SA1476 PNP	14-000564-07P
Q7	Transistor 2SC3782 NPN	14-000564-06P
⚠ Q8	Transistor BCV72 CHIP	72-000561-04P
⚠ Q9	Transistor BCV72 CHIP	72-000561-04P
⚠ Q10	Transistor BCV72 CHIP	72-000561-04P
⚠ Q11	Transistor BCV72 CHIP	72-000561-04P
R1	Resistor Chip 1K5 .25W 5%	70-715013-21P
R2	Resistor Chip 1M .25W 5%	70-710043-21P
R3	Resistor Chip 1M .25W 5%	70-710043-21P
R4	Resistor Chip 5K6 .25W 5%	70-756013-21P
R5	POTENTIOMETER 100K 25%	71-011043-02P
R6	Resistor Chip 200R .25W 5%	70-720003-21P
R7	Resistor Chip 4K7 .25W 5%	70-747013-21P
R8	POTENTIOMETER SM 10K .25W 20%	71-011033-02P
R9	Resistor Chip 75R .25W 5%	70-775093-21P
R10	Resistor Chip 6K8 .25W 5%	70-768013-21P
R11	Resistor Chip 75R .25W 5%	70-775093-21P
R12	Resistor Chip 120R .25W 5%	70-712003-21P
R13	Resistor Chip 100R .25W 5%	70-710003-21P
R14	Resistor Chip 330R 1W 5%	70-933003-24P
R15	Resistor Chip 330R 1W 5%	70-933003-24P
R16	Resistor Chip 5R6 .25W 5%	70-756083-21P
R17	Resistor Chip 10R .25W 5%	70-710093-21P
R18	Resistor Chip 390R .25W 5%	70-739003-21P
R19	Resistor Chip 3R3 .25W 5%	70-733083-21P
R20	Resistor Chip 10R 1W 5%	70-910093-24P
R21	Resistor Chip 680R .25W 5%	70-768003-21P
R22	Resistor 470R 10W 5% NI	42-144715-02P
R24	Resistor 560R 10W 5% NI SAFE	42-145615-02P
⚠ R25	Resistor Chip 100R 1W 5%	70-910003-24P
R26	Resistor Chip 10R .25W 5%	70-710093-21P

Video Output Module (02-270012-H1P / 03-270012-H1P) - continued

ID	Description	Electrohome #
▲ R27	Resistor Chip 100R 1W 5%	70-910003-24P
R32	Resistor 100R .5W 5%	40-221015-37P
R33	Resistor 100K 1W	40-421045-07P
R34	Resistor Chip 2K2 .5W 5%	70-822013-23P
R40	Resistor Chip 10R .25W 5%	70-710093-21P
R41	Resistor Chip 1K .25W 5%	70-710013-21P
▲ R43	POTENTIOMETER Chip 1K 25%	71-011023-02P
R45	Resistor Chip 1K .25W 5%	70-710013-21P
▲ R47	POTENTIOMETER Chip 1K 25%	71-011023-02P
▲ R48	Resistor Chip 3K9 .25W 5%	70-739013-21P
▲ R49	Resistor Chip 3K9 .25W 5%	70-739013-21P
▲ R50	Call Electrohome	
▲ R51	Call Electrohome	
R52	Resistor Chip 4K7 .25W 5%	70-747013-21P
▲ R53	Resistor Chip 100R .25W 5%	70-710003-21P
▲ R54	Resistor Chip 100R .25W 5%	70-710003-21P
SG1	LAMP ARGON	27-000011-09P
SG2	LAMP ARGON	27-000011-09P
▲ TC1	Thermistor PRECISION 100K	42-000079-08P
▲ TC2	Thermistor PRECISION 100K	42-000079-08P
▲ TC3	Thermistor PRECISION 100K	42-000079-08P
ZD1	Chip SOT-23 ZD MMBZ5233 6V 5%	72-000531-01P
ZD2	Chip SOT-23 ZD MMBZ5233 6V 5%	72-000531-01P

Waveform Module ►*Waveform Module (02-270001-03P / 03-270001-03P)*

ID	Description	Electrohome #
C1	Capacitor MLR-Z5U 10N 100V 20% 01	85-170108-01P
C2	Capacitor MLR-Z5U 10N 100V 20% 01	85-170108-01P
C3	Capacitor MLR-Z5U 100N 50V 20% 01	85-170308-01P
C4	Capacitor MLR-Z5U 100N 50V 20% 01	85-170308-01P
C5	Capacitor MYR---5 220N 50V 10% 01	85-102308-01P
C6	Capacitor CRR-NPO 10P 100V 2% 01	85-111010-01P
C7	Capacitor CRR-NPO 10P 100V 2% 01	85-111010-01P
C8	Capacitor MLR-Z5U 100N 50V 20% 01	85-170308-01P
C9	Capacitor MLR-Z5U 100N 50V 20% 01	85-170308-01P
C10	Capacitor MLR-Z5U 100N 50V 20% 01	85-170308-01P
C11	Capacitor MLR-Z5U 100N 50V 20% 01	85-170308-01P
C12	Capacitor MLR-Z5U 100N 50V 20% 01	85-170308-01P
C15	Capacitor MLR-Z5U 100N 50V 20% 01	85-170308-01P
C16	Capacitor MLR-Z5U 100N 50V 20% 01	85-170308-01P
C17	Capacitor MLR-Z5U 100N 50V 20% 01	85-170308-01P
C18	Capacitor MLR-Z5U 100N 50V 20% 01	85-170308-01P
C19	Capacitor MLR-Z5U 100N 50V 20% 01	85-170308-01P
C20	Capacitor MLR-Z5U 100N 50V 20% 01	85-170308-01P
C21	Capacitor MLR-Z5U 100N 50V 20% 01	85-170308-01P
C22	Capacitor CRR-NPO 10P 100V 2% 01	85-111010-01P

Video Output Module (02-270012-H1P / 03-270012-H1P) - continued

ID	Description	Electrohome #
P3	Pin Radio .093	34-000490-01P
P4	Pin Radio .093	34-000490-01P
P5	Pin Radio .093	34-000490-01P
P6	Pin Radio .093	34-000490-01P
P7	Header LOCKING	34-000813-10P
P8	Header .1 CTR STRAIGHT S ROW	34-000955-03P
P9	JACK RCA MINI STRAIGHT	34-001280-02P
P10	Pin Radio .093	34-000490-01P
Q1	Transistor MMBF4392 Chip FET	72-000701-01P
Q2	Transistor MMBR901 NPN RF	72-000561-02P
Q3	Transistor MMBR521 PNP SMD	72-000561-07P
Q4	Transistor 2N5109 20V .4A NPN	14-000562-02P
Q5	Transistor 2SC3782 NPN	14-000564-06P
Q6	Transistor 2SA1476 PNP	14-000564-07P
Q7	Transistor 2SC3782 NPN	14-000564-06P
▲ Q8	Transistor BCV72 CHIP	72-000561-04P
▲ Q9	Transistor BCV72 CHIP	72-000561-04P
▲ Q10	Transistor BCV72 CHIP	72-000561-04P
▲ Q11	Transistor BCV72 CHIP	72-000561-04P
R1	Resistor Chip 1K5 .25W 5%	70-715013-21P
R2	Resistor Chip 1M .25W 5%	70-710043-21P
R3	Resistor Chip 1M .25W 5%	70-710043-21P
R4	Resistor Chip 5K6 .25W 5%	70-756013-21P
R5	POTENTIOMETER 100K 25%	71-011043-02P
R6	Resistor Chip 200R .25W 5%	70-720003-21P
R7	Resistor Chip 4K7 .25W 5%	70-747013-21P
R8	POTENTIOMETER SM 10K .25W 20%	71-011033-02P
R9	Resistor Chip 75R .25W 5%	70-775093-21P
R10	Resistor Chip 6K8 .25W 5%	70-768013-21P
R11	Resistor Chip 75R .25W 5%	70-775093-21P
R12	Resistor Chip 120R .25W 5%	70-712003-21P
R13	Resistor Chip 100R .25W 5%	70-710003-21P
R14	Resistor Chip 330R 1W 5%	70-933003-24P
R15	Resistor Chip 330R 1W 5%	70-933003-24P
R16	Resistor Chip 5R6 .25W 5%	70-756083-21P
R17	Resistor Chip 10R .25W 5%	70-710093-21P
R18	Resistor Chip 390R .25W 5%	70-739003-21P
R19	Resistor Chip 3R3 .25W 5%	70-733083-21P
R20	Resistor Chip 10R 1W 5%	70-910093-24P
R21	Resistor Chip 680R .25W 5%	70-768003-21P
R22	Resistor 470R 10W 5% N1	42-144715-02P
R24	Resistor 560R 10W 5% NI SAFE	42-145615-02P
▲ R25	Resistor Chip 100R 1W 5%	70-910003-24P
R26	Resistor Chip 10R .25W 5%	70-710093-21P

Waveform Module (02-270001-03P / 03-270001-03P) - continued

ID	Description	Electrohome #
C23	Capacitor CRR-NPO 10P 100V 2% 01	85-111010-01P
C24	Capacitor MLR-Z5U 100N 50V 20% 01	85-170308-01P
C25	Capacitor CRR-NPO 100P 100V 2% 01	85-112210-01P
C26	Capacitor MLR-Z5U 100N 50V 20% 01	85-170308-01P
C27	Capacitor CRR-NPO 10P 100V 2% 01	85-111010-01P
C28	Capacitor MLR-Z5U 100N 50V 20% 01	85-170308-01P
C29	Capacitor MLR-Z5U 100N 50V 20% 01	85-170308-01P
C30	Capacitor MLR-Z5U 100N 50V 20% 01	85-170308-01P
C31	Capacitor CRR-NPO 47P 100V 2% 01	85-111810-01P
C32	Capacitor MLR-Z5U 100N 50V 20% 01	85-170308-01P
C33	Capacitor CRR-Y5P 220P 100V 10% 01	85-200210-01P
C34	Capacitor CRR-Y5P 220P 100V 10% 01	85-200210-01P
C35	Capacitor MLR-Z5U 100N 50V 20% 01	85-170308-01P
C36	Capacitor MLR-Z5U 100N 50V 20% 01	85-170308-01P
C37	Capacitor MLR-Z5U 100N 50V 20% 01	85-170308-01P
C38	Capacitor MLR-Z5U 100N 50V 20% 01	85-170308-01P
C39	Capacitor MLR-Z5U 100N 50V 20% 01	85-170308-01P
C40	Capacitor MLR-Z5U 100N 50V 20% 01	85-170308-01P
C41	Capacitor MLR-Z5U 100N 50V 20% 01	85-170308-01P
C42	Capacitor MLR-Z5U 100N 50V 20% 01	85-170308-01P
C43	Capacitor MLR-Z5U 100N 50V 20% 01	85-170308-01P
C44	Capacitor MLR-Z5U 100N 50V 20% 01	85-170308-01P
C45	Capacitor MLR-Z5U 100N 50V 20% 01	85-170308-01P
C46	Capacitor MLR-Z5U 100N 50V 20% 01	85-170308-01P
C47	Capacitor MLR-Z5U 100N 50V 20% 01	85-170308-01P
C48	Capacitor MLR-Z5U 100N 50V 20% 01	85-170308-01P
C49	Capacitor ELR--NP 47U 10V 20% 02	85-030902-02P
C50	Capacitor CRR-NPO 47P 100V 2% 01	85-111810-01P
C51	Capacitor MLR-Z5U 100N 50V 20% 01	85-170308-01P
C52	Capacitor MLR-Z5U 100N 50V 20% 01	85-170308-01P
C53	Capacitor MLR-Z5U 100N 50V 20% 01	85-170308-01P
C54	Capacitor ELR-SUP 10U 25V 20% 01	85-040905-02P
C55	Capacitor ELR-SUP 10U 25V 20% 01	85-040905-02P
C56	Capacitor ELR-SUP 10U 25V 20% 01	85-040905-02P
D1	Diode 1N914 A .075A 75V T	14-000513-01P
D2	Diode 1N914 A .075A 75V T	14-000513-01P
D3	Diode BAT 81 SCHOTTKY BARRIER	14-000533-01P
D4	Diode BAT 81 SCHOTTKY BARRIER	14-000533-01P
IC1	IC TL082BC LIN AMP OP	14-002813-09P
IC2	IC TL082BC LIN AMP OP	14-002813-09P
IC3	IC TLC7524 8-BIT MULTI DAC	14-A03032-02P
IC4	IC TLC7524 8-BIT MULTI DAC	14-A03032-02P
IC5	IC TL084CN LIN OP-AMP QUAD BI	14-002104-01P
IC6	IC 74HC4053 TRIP 2CH MUX/DEMUX	14-A04052-01P
IC7	IC 74HC32 QUAD 2-I/P OR	14-A04005-01P
IC8	IC MULMC1595L KIN ARITH 4-QUAD	14-002095-01P

Waveform Module (02-270001-03P / 03-270001-03P) - continued

ID	Description	Electrohome #
IC9	PROGRAMMED 28L22 PROM	14-P00109-01P
IC10	PROGRAMMED 28L22 PROM	14-P00110-01P
IC11	PROGRAMMED 28L22 PROM	14-P00111-01P
IC12	IC TLC7524 8-BIT MULTI DAC	14-A03032-02P
IC13	IC TL084CN LIN OP-AMP QUAD BI	14-002104-01P
IC14	IC TLC7524 8-BIT MULTI DAC	14-A03032-02P
IC15	IC TLC7524 8-BIT MULTI DAC	14-A03032-02P
IC16	IC TLC7524 8-BIT MULTI DAC	14-A03032-02P
IC17	IC TL084CN LIN OP-AMP QUAD BI	14-002104-01P
IC18	IC 74ALS869 COUNTER 8 BIT U/D	14-004686-02P
IC19	IC 74HC04 HEX INVERTER	14-A04003-01P
IC20	IC 74HC175 QUAD D-FF W/CLEAR	14-A04031-01P
IC21	IC 74AC04 HEX INVERTER	14-A04003-02P
IC22	IC 74HC32 QUAD 2-I/P OR	14-A04005-01P
IC23	IC 74HC74 DUAL KD-FF W/PRE+CLR	14-A04007-01P
IC24	IC 74HC00 QUAD 2-I/P NAND	14-A04001-01P
IC25	PROGRAMMED 28L22 PROM	14-P00125-01P
IC26	IC 74HC590 8-B BIN COUNTER 3ST	14-A04067-01P
IC27	IC 74HC688 8 BIT EQUALITY COMP	14-A04053-01P
IC28	IC 74HC688 8 BIT EQUALITY COMP	14-A04053-01P
IC29	IC 74HC138 3-8 LINE DEC INV	14-A04045-01P
IC30	IC 74HC373 OCT AL D-LATCH 3-ST	14-A04010-01P
IC31	IC 74HC373 OCT AL D-LATCH 3-ST	14-A04010-01P
IC32	IC 74HC245 OCT BUS XCVR 3-ST	14-A04042-01P
IC33	IC 74HC373 OCT AL D-LATCH 3-ST	14-A04010-01P
IC34	IC 74HC373 OCT AL D-LATCH 3-ST	14-A04010-01P
P1	Connector 96 Pin RA PLUG DIN	34-001057-03P
P2	Header DUAL BODY	34-001036-10P
P3	Header DUAL BODY	34-001036-10P
R1	Carbon Trim Pot 10K	41-000344-40P
R2	Carbon Trim Pot 5K	41-000344-39P
R3	Carbon Trim Pot 5K	41-000344-39P
R4	Carbon Trim Pot 5K	41-000344-39P
R5	Carbon Trim Pot 10K	41-000344-40P
R6	Carbon Trim Pot 10K	41-000344-40P
R7	Carbon Trim Pot 10K	41-000344-40P
R8	Carbon Trim Pot 10K	41-000344-40P
R9	Carbon Trim Pot 10K	41-000344-40P
R10	Resistor 10K .5W 5% MET FILM	80-110025-11P
R11	Resistor 10K .5W 5% MET FILM	80-110025-11P
R12	Resistor 10K .5W 5% MET FILM	80-110025-11P
R13	Resistor 3K9 .5W 5% MET FILM	80-139015-11P
R14	Resistor 3K9 .5W 5% MET FILM	80-139015-11P
R15	Resistor 4K7 .5W 5% MET FILM	80-147015-11P
R16	Resistor 4K7 .5W 5% MET FILM	80-147015-11P
R17	Resistor 510R .5W 5% MET FILM	80-151005-11P

Waveform Module (02-270001-03P / 03-270001-03P) - continued

ID	Description	Electrohome #
R18	Resistor 470R .5W 5% MET FILM	80-147005-11P
R19	Resistor 470R .5W 5% MET FILM	80-147005-11P
R20	Resistor 510R .5W 5% MET FILM	80-151005-11P
R21	Resistor 2K .5W 5% MET FILM	80-120015-11P
R22	Resistor 2K .5W 5% MET FILM	80-120015-11P
R23	Resistor 4K7 .5W 5% MET FILM	80-147015-11P
R24	Resistor 30K .5W 5% MET FILM	80-130025-11P
R25	Resistor 470R .5W 5% MET FILM	80-147005-11P
R26	Resistor 2K7 .5W 5% MET FILM	80-127015-11P
R27	Resistor 2K .5W 5% MET FILM	80-120015-11P
R28	Resistor 2K .5W 5% MET FILM	80-120015-11P
R29	Resistor 10K .5W 5% MET FILM	80-110025-11P
R30	Resistor 3K9 .5W 5% MET FILM	80-139015-11P
R31	Resistor 3K9 .5W 5% MET FILM	80-139015-11P
R32	Resistor 4K7 .5W 5% MET FILM	80-147015-11P
R33	Resistor 10K .5W 5% MET FILM	80-110025-11P
R34	Resistor 10K .5W 5% MET FILM	80-110025-11P
R35	Resistor 4K7 .5W 5% MET FILM	80-147015-11P
R36	Resistor 12K .5W 5% MET FILM	80-112025-11P
R37	Resistor 12K .5W 5% MET FILM	80-112025-11P
R38	Resistor 30K .5W 5% MET FILM	80-130025-11P
R39	Resistor 91K .5W 5% MET FILM	80-191025-11P
R40	Resistor 91K .5W 5% MET FILM	80-191025-11P
R41	Resistor 4K7 .5W 5% MET FILM	80-147015-11P
R42	Resistor 3K9 .5W 5% MET FILM	80-139015-11P
R43	Resistor 3K9 .5W 5% MET FILM	80-139015-11P
R44	Resistor 1K8 .5W 5% MET FILM	80-118015-11P
R45	Resistor 18K .5W 5% MET FILM	80-118025-11P
R46	Resistor 30K .5W 5% MET FILM	80-130025-11P
R47	Resistor 10K .5W 5% MET FILM	80-110025-11P
R48	Resistor 470R .5W 5% MET FILM	80-147005-11P
R49	Resistor 3K9 .5W 5% MET FILM	80-139015-11P
R50	Resistor 2K .5W 5% MET FILM	80-120015-11P
R51	Resistor 27K .5W 5% MET FILM	80-127025-11P
R52	Resistor 1K8 .5W 5% MET FILM	80-118015-11P
R53	Resistor 3K9 .5W 5% MET FILM	80-139015-11P
R54	Resistor 1K .5W 5% MET FILM	80-110015-11P
R55	Resistor 100R .5W 5% MET FILM	80-110005-11P
R56	Resistor 1K .5W 5% MET FILM	80-110015-11P
R57	Resistor 470K MET FILM	80-147035-11P
R58	Resistor 470K MET FILM	80-147035-11P
R59	Resistor 10K .5W 5% MET FILM	80-110025-11P
R60	Resistor 10K .5W 5% MET FILM	80-110025-11P
R61	Resistor 1K .5W 5% MET FILM	80-110015-11P
R62	Resistor 1K5 .5W 5% MET FILM	80-115015-11P
R63	Resistor 2K2 .5W 5% MET FILM	80-122015-11P

Waveform Module (02-270001-03P / 03-270001-03P) - continued

ID	Description	Electrohome #
R64	Resistor 100R .5W 5% MET FILM	80-110005-11P
R65	Resistor 10K .5W 5% MET FILM	80-110025-11P
R66	Resistor 10R .5W 5% MET FILM	80-110095-11P
R67	Resistor 10R .5W 5% MET FILM	80-110095-11P
RN1	Resistor NTRK 10Pin 10K BUS	43-000053-02P

**Pincushion PCB
Assembly** ➤*Pincushion PCB Assembly (part of 02-270001-03P / 03-270001-03P)*

ID	Description	Electrohome #
C1	Capacitor ELR-MIN 10U 50V 20%	85-010608-01P
C2	Capacitor MYR---5 1U0 50V 10%	85-103108-04P
C20	Capacitor ELR-MIN 1U0 50V 20%	85-010208-01P
C21	Capacitor ELR-MIN 10U 50V 20%	85-010608-01P
C22	Capacitor ELR-MIN 10U 50V 20%	85-010608-01P
C24	Capacitor CRR-NPO 47P 100V 2%	85-111810-01P
C25	Capacitor MLR-NPO 1N5 50V 1%	85-130004-01P
C30	Capacitor MYR---5 1U0 50V 10%	85-103108-04P
C31	Capacitor CRR-NPO 47P 100V 2%	85-111810-01P
C32	Capacitor MLC-NPO RD 1N0 50V 1%	85-131408-01P
C34	Capacitor MLC-NPO RD 1N0 50V 1%	85-131408-01P
C35	Capacitor CRR-NPO 47P 100V 2%	85-111810-01P
C36	Capacitor ELR-MIN 1U0 50V 20%	85-010208-01P
C37	Capacitor ELR-MIN 1U0 50V 20%	85-010208-01P
C49	Capacitor MLR-Z5U 10N 100V 20%	85-170108-01P
D1	Diode 1N914 A .075A 75V T	14-000513-01P
D2	Diode 1N914 A .075A 75V T	14-000513-01P
IC1	IC MULMC1595L KIN ARITH 4-QUAD	14-002095-01P
IC2	IC MC34084 OP-AMP	14-002164-01P
IC3	IC MULMC1595L KIN ARITH 4-QUAD	14-002095-01P
IC4	IC 74HC4538 DUAL MONO MULTI VI	14-A04041-01P
IC9	IC MC34084 OP-AMP	14-002164-01P
IC11	IC 74HC123 DUAL MONO MULTIVIB	14-A04062-01P
IC13	IC TL082BC LIN AMP OP	14-002813-09P
IC14	IC MC34084 OP-AMP	14-002164-01P
IC15	IC MULMC1595L KIN ARITH 4-QUAD	14-002095-01P
IC16	IC LM311 BIPOL DIG VOLT COMP	14-002165-01P
IC17	IC MULMC1595L KIN ARITH 4-QUAD	14-002095-01P
J1	Connector BTM ENTRY	34-001035-10P
J2	Connector BTM ENTRY	34-001035-10P
Q1	Transistor 2N7000 TMOS SS 60V .2A	14-A00705-01P
Q2	Transistor 2N7000 TMOS SS 60V .2A	14-A00705-01P
Q3	Transistor 2N7000 TMOS SS 60V .2A	14-A00705-01P
R1	Resistor 15K .5W 5% MET FILM	80-115025-11P
R2	Resistor 30K .5W 5% MET FILM	80-130025-11P
R5	Resistor 36K .5W 5% MET FILM	80-136025-11P
R6	Resistor 15K .5W 5% MET FILM	80-115025-11P

Pincushion PCB Assembly (part of 02-270001-03P / 03-270001-03P)

ID	Description	Electrohome #
R7	Resistor 15K .5W 5% MET FILM	80-115025-11P
R8	Resistor 15K .5W 5% MET FILM	80-115025-11P
R9	Resistor 30K .5W 5% MET FILM	80-130025-11P
R10	Resistor 30K .5W 5% MET FILM	80-130025-11P
R11	Resistor 15K .5W 5% MET FILM	80-115025-11P
R12	Resistor 15K .5W 5% MET FILM	80-115025-11P
R13	Resistor 30K .5W 5% MET FILM	80-130025-11P
R14	Resistor 30K .5W 5% MET FILM	80-130025-11P
R15	Resistor 5K6 .5W 5% MET FILM	80-156015-11P
R16	Resistor 5K6 .5W 5% MET FILM	80-156015-11P
R17	Resistor 30K .5W 5% MET FILM	80-130025-11P
R18	Resistor 5K6 .5W 5% MET FILM	80-156015-11P
R19	Resistor 30K .5W 5% MET FILM	80-130025-11P
R20	Resistor 30K .5W 5% MET FILM	80-130025-11P
R21	Resistor 30K .5W 5% MET FILM	80-130025-11P
R22	Resistor 5K6 .5W 5% MET FILM	80-156015-11P
R23	Resistor 160K .5W 5% MET FILM	80-116035-11P
R24	Resistor 1M .5W 5% MET FILM	80-110045-11P
R25	Resistor 1M .5W 5% MET FILM	80-110045-11P
R26	Resistor 10R .5W 5% MET FILM	80-110095-11P
R27	Resistor 10R .5W 5% MET FILM	80-110095-11P
R28	Resistor 3K .5W 5% MET FILM	80-130015-11P
R29	Resistor 1K .5W 5% MET FILM	80-110015-11P
R30	Resistor 30K .5W 5% MET FILM	80-130025-11P
R31	Resistor 33K .5W 5% MET FILM	80-133025-11P
R32	Resistor 4M7 .25W 5%	40-124755-31P
R33	Resistor 51K .5W 5% MET FILM	80-151025-11P
R34	Resistor 15K .5W 5% MET FILM	80-115025-11P
R35	Resistor 39K .5W 5% MET FILM	80-139025-11P
R36	Resistor 39K .5W 5% MET FILM	80-139025-11P
R37	Resistor 3K .5W 5% MET FILM	80-130015-11P
R38	Resistor 3K .5W 5% MET FILM	80-130015-11P
R39	Resistor 3K .5W 5% MET FILM	80-130015-11P
R40	Resistor 3K .5W 5% MET FILM	80-130015-11P
R41	Resistor 3K .5W 5% MET FILM	80-130015-11P
R42	Resistor 3K .5W 5% MET FILM	80-130015-11P
R43	Resistor 22K .5W 5% MET FILM	80-122025-11P
R44	Resistor 5K6 .5W 5% MET FILM	80-156015-11P
R46	Resistor 3K .5W 5% MET FILM	80-130015-11P
R48	Resistor 20K .5W 5% MET FILM	80-120025-11P
R49	Resistor 220K .5W 5% MET FILM	80-122035-11P
R50	Resistor 100K .5W 5% MET FILM	80-110035-11P
R51	Resistor 100K .5W 5% MET FILM	80-110035-11P
R52	Resistor 8K2 .5W 5% MET FILM	80-182015-11P
R53	Resistor 10K .5W 5% MET FILM	80-110025-11P
R54	Resistor 470R .5W 5% MET FILM	80-147005-11P

Pincushion PCB Assembly (part of 02-270001-03P / 03-270001-03P)

ID	Description	Electrohome #
R55	Resistor 18K .5W 5% MET FILM	80-118025-11P
R56	Resistor 4K7 .5W 5% MET FILM	80-147015-11P
R57	Resistor 4K7 .5W 5% MET FILM	80-147015-11P
R58	Resistor 4K7 .5W 5% MET FILM	80-147015-11P
R59	Resistor 3K .5W 5% MET FILM	80-130015-11P
R60	Resistor 3K .5W 5% MET FILM	80-130015-11P
R61	Resistor 5K6 .5W 5% MET FILM	80-156015-11P
R62	Resistor 33K .5W 5% MET FILM	80-133025-11P
R63	Resistor 30K .5W 5% MET FILM	80-130025-11P
R64	Resistor 15K .5W 5% MET FILM	80-115025-11P
R65	Resistor 15K .5W 5% MET FILM	80-115025-11P
R66	Resistor 30K .5W 5% MET FILM	80-130025-11P
R67	Resistor 30K .5W 5% MET FILM	80-130025-11P
R68	Resistor 3K .5W 5% MET FILM	80-130015-11P
R69	Resistor 3K .5W 5% MET FILM	80-130015-11P
R70	Resistor 3K .5W 5% MET FILM	80-130015-11P
R71	Resistor 1K .5W 5% MET FILM	80-110015-11P
R72	Resistor 300K .5W 5% MET FILM	80-130035-11P
R73	Carbon Trim Pot 100K	41-000344-14P
R74	Resistor 120K .5W 5% MET FILM	80-112035-11P
R75	Resistor 33K .5W 5% MET FILM	80-133025-11P
R76	Resistor 16K .5W 5% MET FILM	80-116025-11P
R77	Resistor 150R .5W 5% MET FILM	80-115005-11P
R78	Carbon Trim Pot 500K	41-000344-17P
R79	Resistor 100R .5W 5% MET FILM	80-110005-11P
R80	Resistor 100R .5W 5% MET FILM	80-110005-11P
R81	Resistor 300K .5W 5% MET FILM	80-130035-11P

ACON Control PCB ►*ACON Control PCB (02-270006-02P / 03-270006-02P)*

ID	Description	Electrohome #
	Screw #4-40X3/8 (FOR U18)	31-600418-06P
C1	Capacitor MLR-Z5U 100N 50V 20% 01	85-170308-01P
C2	Capacitor MLR-Z5U 100N 50V 20% 01	85-170308-01P
C3	Capacitor CRR-Y5P 820P 100V 10% 01	85-200910-01P
C4	Capacitor MYR---5 1U0 50V 10% 04	85-103108-04P
C5	Capacitor MLR-Z5U 100N 50V 20% 01	85-170308-01P
C6	Capacitor MLR-Z5U 100N 50V 20% 01	85-170308-01P
C7	Capacitor ELR-MIN 10U 50V 20% 01	85-010608-01P
C8	Capacitor MLR-Z5U 100N 50V 20% 01	85-170308-01P
C9	Capacitor MLR-Z5U 100N 50V 20% 01	85-170308-01P
C10	Capacitor MLR-Z5U 47N 50V 20% 01	85-170208-01P
C11	Capacitor MLR-Z5U 100N 50V 20% 01	85-170308-01P
C12	Capacitor MLR-Z5U 47N 50V 20% 01	85-170208-01P
C13	Capacitor MLR-Z5U 47N 50V 20% 01	85-170208-01P
C14	Capacitor MLR-Z5U 100N 50V 20% 01	85-170308-01P

ACON Control PCB (02-270006-02P / 03-270006-02P) - continued

ID	Description	Electrohome #
D16	Diode 1N914 A .075A 75V T	14-000513-01P
D17	Diode 1N914 A .075A 75V T	14-000513-01P
D18	Diode BAS45 LOW LEAKAGE	14-000513-13P
D19	Diode BAS45 LOW LEAKAGE	14-000513-13P
D20	Diode BAS45 LOW LEAKAGE	14-000513-13P
D21	Diode BAS45 LOW LEAKAGE	14-000513-13P
F1	FUSE 3A 125V MINI	27-000034-05P
L1	Coil Choke 100UH	21-001459-01P
P1	Connector 64 PIN RA PLUG DIN	34-001057-02P
P2	Header DUAL ROW	34-001258-16P
P3-9	Header .1 CTR STRAIGHT S ROW	34-000955-02P
Q1	Transistor 2N3906 SMALL SIGNAL	14-000873-82P
Q2	TransistorTIS74 30V .05A FET	14-000720-13P
Q3	TransistorTIS74 30V .05A FET	14-000720-13P
Q4	Transistor2N7000 TMOS SS 60V .2A	14-A00705-01P
Q6	TransistorTIS74 30V .05A FET	14-000720-13P
Q7	TransistorTIS74 30V .05A FET	14-000720-13P
Q8-11	Transistor2N7000 TMOS SS 60V .2A	14-A00705-01P
R1	Resistor 10K .5W 5% MET FILM	80-110025-11P
R2	Resistor 1M .5W 5% MET FILM	80-110045-11P
R3	Resistor 100K .5W 5% MET FILM	80-110035-11P
R4	Resistor 4K7 .5W 5% MET FILM	80-147015-11P
R5	Resistor 820R .5W 5% MET FILM	80-182005-11P
R6	Resistor 470R .5W 5% MET FILM	80-147005-11P
R7	Resistor 1K .5W 5% MET FILM	80-110015-11P
R8	Resistor 10K .5W 5% MET FILM	80-110025-11P
R9	Resistor 4K7 .5W 5% MET FILM	80-147015-11P
R10	Resistor 470R .5W 5% MET FILM	80-147005-11P
R11	Resistor 470R .5W 5% MET FILM	80-147005-11P
R12	Resistor 1K .5W 5% MET FILM	80-110015-11P
R13	Resistor 10K .5W 5% MET FILM	80-110025-11P
R14	Resistor 470R .5W 5% MET FILM	80-147005-11P
R15	Resistor 470R .5W 5% MET FILM	80-147005-11P
R16	Resistor 12K .5W 5% MET FILM	80-112025-11P
R18	Resistor 22R .5W 5% MET FILM	80-122095-11P
R20	Resistor 4K7 .5W 5% MET FILM	80-147015-11P
R21	Resistor 820R .5W 5% MET FILM	80-182005-11P
R22	Resistor 22K .5W 5% MET FILM	80-122025-11P
R24-27	Resistor 470R .5W 5% MET FILM	80-147005-11P
R28	Resistor 12K .5W 5% MET FILM	80-112025-11P
R29	Resistor 1K .5W 5% MET FILM	80-110015-11P
R30	Resistor 1K .5W 5% MET FILM	80-110015-11P
R31	Resistor 1K .5W 5% MET FILM	80-110015-11P
R32	Resistor 1K .5W 5% MET FILM	80-110015-11P
R33	Resistor 22K .5W 5% MET FILM	80-122025-11P
R34-37	Resistor 1R5 .5W 5% MET FILM	80-115085-11P

ACON Control PCB (02-270006-02P / 03-270006-02P) - continued

ID	Description	Electrohome #
R38	Resistor 1K .5W 5% MET FILM	80-110015-11P
R39	Resistor 1K .5W 5% MET FILM	80-110015-11P
R40	Resistor 10K .5W 5% MET FILM	80-110025-11P
R41	Resistor 22K .5W 5% MET FILM	80-122025-11P
R42	Resistor 22K .5W 5% MET FILM	80-122025-11P
R43	Resistor 10K .5W 5% MET FILM	80-110025-11P
R44	Resistor 1K .5W 5% MET FILM	80-110015-11P
R46	Resistor 10K .5W 5% MET FILM	80-110025-11P
R47	Resistor 22K .5W 5% MET FILM	80-122025-11P
R48	Resistor 22K .5W 5% MET FILM	80-122025-11P
R49	Resistor 10K .5W 5% MET FILM	80-110025-11P
R51	Resistor 1K .5W 5% MET FILM	80-110015-11P
R52	Resistor 22K .5W 5% MET FILM	80-122025-11P
R53	Resistor 4K7 .5W 5% MET FILM	80-147015-11P
R54	Resistor 22K .5W 5% MET FILM	80-122025-11P
R55	Resistor 4K7 .5W 5% MET FILM	80-147015-11P
R58	Resistor 4K7 .5W 5% MET FILM	80-147015-11P
R59	Resistor 22K .5W 5% MET FILM	80-122025-11P
R60	Resistor 4K7 .5W 5% MET FILM	80-147015-11P
R61	Resistor 22K .5W 5% MET FILM	80-122025-11P
R62	Resistor 820R .5W 5% MET FILM	80-182005-11P
R63	Resistor 3K3 .5W 5% MET FILM	80-133015-11P
R64	Resistor 12K .5W 5% MET FILM	80-112025-11P
R65	Resistor 1K .5W 5% MET FILM	80-110015-11P
▲ R66	Resistor 10R .5W 5% MET FILM	80-110095-11P
▲ R67	Resistor 10R .5W 5% MET FILM	80-110095-11P
R68	Resistor 82R .5W 5% MET FILM	80-182095-11P
R69	Resistor 1K .5W 5% MET FILM	80-110015-11P
U1	IC SDA0812A 12B ADC 4-CHAN MUX	14-A03042-01P
U2	IC 74HC373 OCT AL D-LATCH 3-ST	14-A04010-01P
U3	IC 74HC138 3-8 LINE DEC INV	14-A04045-01P
U4	IC 74HC00 QUAD 2-I/P NAND	14-A04001-01P
U5	IC 74HC74 DUAL KD-FF W/PRE+CLR	14-A04007-01P
U6	IC 74HC32 QUAD 2-I/P OR	14-A04005-01P
U7	IC TL431C REG PREC SHUNT	14-002833-01P
U8	IC MC34084 OP-AMP	14-002164-01P
U9	IC 74HC74 DUAL KD-FF W/PRE+CLR	14-A04007-01P
U10	IC PBM3960 DUAL 7-BIT +SIGN DA	14-A03043-01P
U11	IC PBM3960 DUAL 7-BIT +SIGN DA	14-A03043-01P
U12	IC TL431C REG PREC SHUNT	14-002833-01P
U13	IC MC34084 OP-AMP	14-002164-01P
U14	IC TLC555C TIMING CIRCUIT	14-A04069-01P
U15	IC PBL3771 PREC STEP NTR DRVR	14-A03044-01P
U16	IC PBL3771 PREC STEP NTR DRVR	14-A03044-01P
U17	IC MC34084 OP-AMP	14-002164-01P
U18	IC LT1070CT REG HI EFF SWITCH	14-002847-01P

ACON Sensor PCB ►

ACON Sensor PCB (02-270016-04P / 03-270016-04P)

ID	Description	Electrohome #
C1	Capacitor 100N 50V 10%X7R CHIP	66-310411-05P
C2	Capacitor 100N 50V 10%X7R CHIP	66-310411-05P
C3	Capacitor 100N 50V 10%X7R CHIP	66-310411-05P
C4	Capacitor 100N 50V 10%X7R CHIP	66-310411-05P
C5	Capacitor 150PF 100V +-5%	66-415142-05P
C6	Capacitor 2N2 50V +-5% NPO	66-422241-05P
C7	Capacitor 150PF 100V +-5%	66-415142-05P
C8	Capacitor 2N2 50V +-5% NPO	66-422241-05P
C9	Capacitor 150PF 100V +-5%	66-415142-05P
C10	Capacitor 2N2 50V +-5% NPO	66-422241-05P
C11	Capacitor 150PF 100V +-5%	66-415142-05P
C12	Capacitor 2N2 50V +-5% NPO	66-422241-05P
C13	Capacitor 100N 50V 10%X7R CHIP	66-310411-05P
C14	Capacitor 100N 50V 10%X7R CHIP	66-310411-05P
C15	Capacitor 100N 50V 10%X7R CHIP	66-310411-05P
C16	Capacitor 100N 50V 10%X7R CHIP	66-310411-05P
P1	Header RT AN SQ PIN LOC	34-000999-07P
R1	Resistor CHIP 100R .25W 5%	70-710003-21P
R2	Resistor CHIP 100K .25W 5%	70-710033-21P
R3	Resistor CHIP 100R .25W 5%	70-710003-21P
R4	Resistor CHIP 100K .25W 5%	70-710033-21P
R5	Resistor CHIP 1M .25W 5%	70-710043-21P
R6	Resistor CHIP 1M .25W 5%	70-710043-21P
R7	Resistor CHIP 1M .25W 5%	70-710043-21P
R8	Resistor CHIP 1M .25W 5%	70-710043-21P
R9	Resistor CHIP 1M .25W 5%	70-710043-21P
R10	Resistor CHIP 1M .25W 5%	70-710043-21P
R11	Resistor CHIP 1M .25W 5%	70-710043-21P
R12	Resistor CHIP 1M .25W 5%	70-710043-21P
R13	Resistor CHIP 100R .25W 5%	70-710003-21P
R14	Resistor CHIP 100K .25W 5%	70-710033-21P
R15	Resistor CHIP 100R .25W 5%	70-710003-21P
R16	Resistor CHIP 100K .25W 5%	70-710033-21P
R17	Resistor CHIP 220R .25W 5%	70-722003-21P
R18	Resistor CHIP 220R .25W 5%	70-722003-21P
R19	Resistor CHIP 220R .25W 5%	70-722003-21P
R20	Resistor CHIP 220R .25W 5%	70-722003-21P
U1	IC SM U-LOW OFFSET OP ADOP-07C	72-002004-01P
U2	IC SM U-LOW OFFSET OP ADOP-07C	72-002004-01P
U4	IC SM U-LOW OFFSET OP ADOP-07C	72-002004-01P
U5	IC SM U-LOW OFFSET OP ADOP-07C	72-002004-01P

- Power Entry Module (PEM)
- Standby Power Transformer and
- Keystone Module

Projection Head

The Projection Head includes the system's optical and electro-mechanical components. Accessibility is provided by removing the front and rear top covers. Modules and assemblies within the Projection Head area include:

- Lens/CRT Assemblies (3)
- Power Deflection Modules (3)
- Output Modules (3)
- Bias/Focus Module
- High Voltage Splitter
- Built-in Keypad
- IR Sensor Assembly

Top Cover & Shield Removal

The top cover is hinged to the lower case of the projector by two hinges. It is secured by two slot head fasteners at the top of the projector. A large plastic safety shield is located below the cover. It is secured by four screws at the bulkhead top plate.

Tools & Equipment Required:

- large slot screw driver
- Phillips screw driver

- Turn off the projector then unplug it.
- Locate the two slot head fasteners on the projector's top cover. Using a large slot screw driver, turn the head of each fastener approximately 3 turns counter-clockwise. See Figure 5-2. At the front of the projector, grasp adjacent sides of the top cover and gently lift it away from the projector body. The cover hinges at the rear.

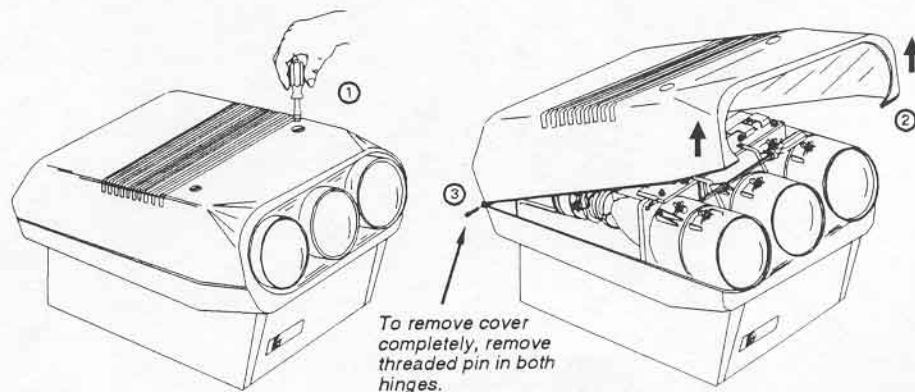


Figure 5-2. Cover Removal

Most servicing can easily be performed with the cover lifted while hinged. To remove the cover completely, remove the two threaded hinge screws as shown.

- c) Below the cover is a large plastic safety shield. For most servicing the shield does not require removal. It can simply be lifted to access the components below it. Some servicing however, such as CRT replacement, requires that the shield be removed. To remove the shield, remove the two Phillips screws from each of the two case mounting brackets as shown in Figure 5-3. Remove the brackets and lift the shield away from the projector.

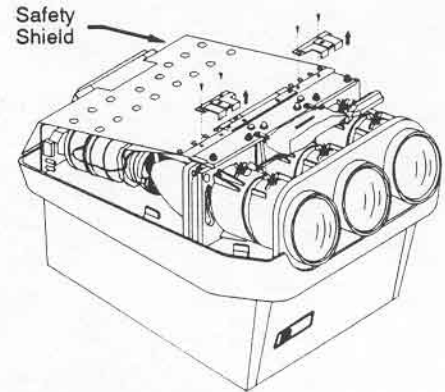


Figure 5-3. Safety Shield Removal

Side Panel/Fans Removal

Tools & Equipment Required:

- 1/4" hex head socket driver
- Phillips screw driver

- a) Turn off the projector then unplug it.
- b) For each side panel, remove the 2 hex head screws which secure the side panel to the projector frame as shown in Figure 5-4.
- c) Pull each side panel down and away from the projector.

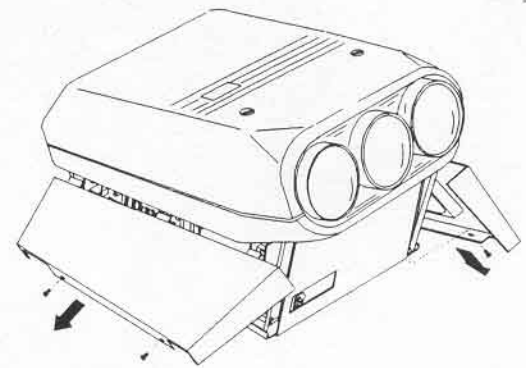


Figure 5-4. Side Panel Removal

- d) Each side panel contains two cooling fans as shown in Figure 5-5. To remove a fan, unplug the harness at the fan then unscrew the two securing screws.

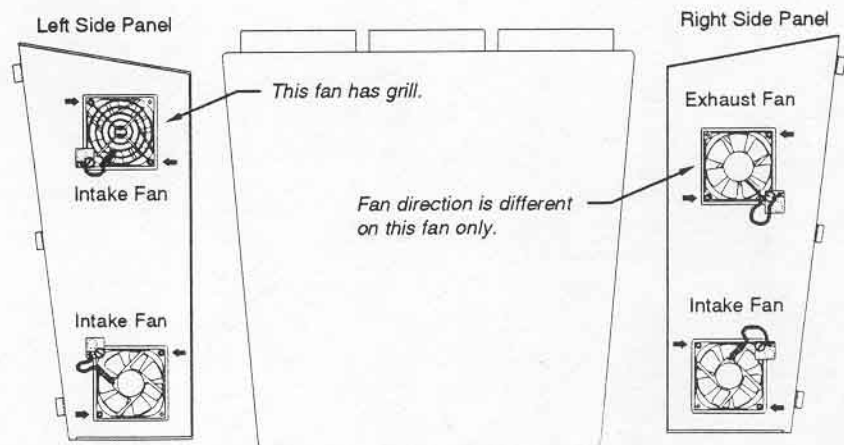


Figure 5-5. Ventilation Fans

Note: Check fan orientation before disassembly and during reassembly.

Front Panel Removal & Front Rack Modules Access

The following projector modules are mounted in a slide-out rack located in the lower front portion of the projector:

- High Voltage Power Supply (HVPS)
- Low Voltage Switch Mode Power Supply (LVPS)
- Power Entry Module
- Standby Power Transformer
- Line Filter
- Keystone Module

To access any of the above modules, the projector lower front panel must be removed and the front slide-out rack slid away from the projector body. Access the front slide-out rack as follows:

Tools & Equipment Required:

- Phillips screw driver
- 1/4" hex head socket driver

- a) Turn off the projector then unplug it.
- b) Remove side panels per removal instructions.
- c) Remove the 3 hex head screws which secure the front panel to the projector frame as shown in Figure 5-6. Pull the front panel down a few inches then disconnect the ACON connector at the top of the panel by removing the two securing jack screws.

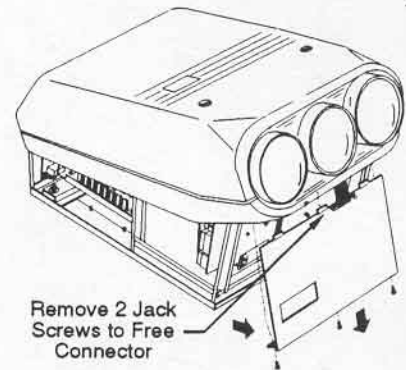


Figure 5-6. Front Panel Removal

Note: Upon reassembly of the front panel, install the ACON connector with the wider edge of the "D" connector against the panel.

- d) Access the front rack modules as follows:

The front rack is positioned behind the front panel and secured to the projector frame by two hex head screws. Remove the two hex head screws as shown in Figure 5-7.

Notice how the front rack frame rests within guides located on each side of the projector frame. Grip the front rack and gently slide it out about 2 inches. Locate the three ground wires which are secured to the frame.

Remove the two screws which secure the wires. You can then pull the rack out another 2 or 3 inches from the frame. Closely watch all cables connected to the front rack modules to assure no restrictions or unnecessary strain occurs.

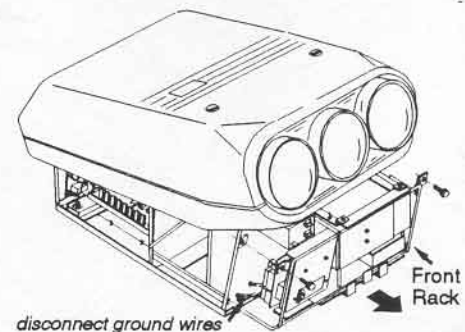


Figure 5-7. Front Rack

Lower Case Removal

The lower case rarely requires removal. It is usually only required for Mother Board removal.

Tools & Equipment Required:

- Phillips screw driver
- 1/4" hex head screw driver

- a) Turn off the projector then unplug it.
- b) Remove the top cover and side and front panels per their removal procedures.
- c) Remove the 12 screws which secure the lower case to the chassis as shown in Figure 5-8. Lower the case away from the projector.

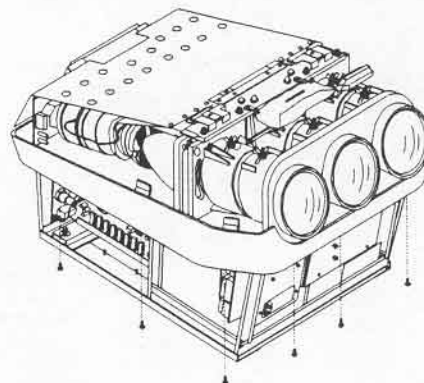


Figure 5-8. Lower Case Removal

Rear Panel & Card Rack Modules Removal

The following modules are card-rack mounted in the rear panel card rack:

- Vertical Deflection & Horizontal Regulation Module
- Horizontal Deflection
- Remote Control Module
- Waveform Module
- Convergence Module
- Video Control Module
- Auto-convergence Module (optional - in "spare" slot)
- Video Input Module (in slot 0 or 1 - e.g., RGB Sync 2 Input Module).

See Figure 5-9 below.

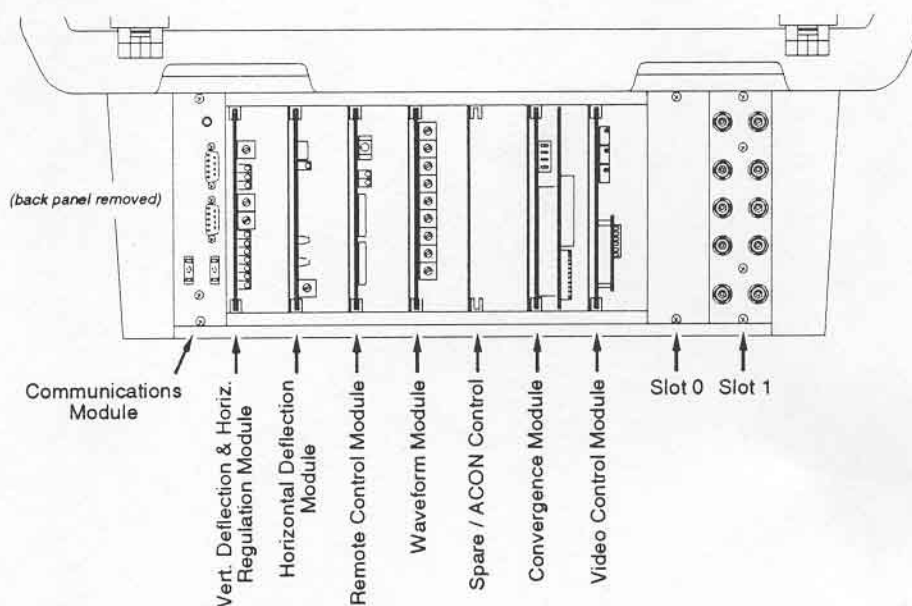


Figure 5-9. Rear Panel / Card Rack Modules

Tools & Equipment Required:

- Phillips screw driver

- Turn off the projector then unplug it.
- Remove the 6 rear panel securing screws as shown in Figure 5-10 then set the rear panel aside.

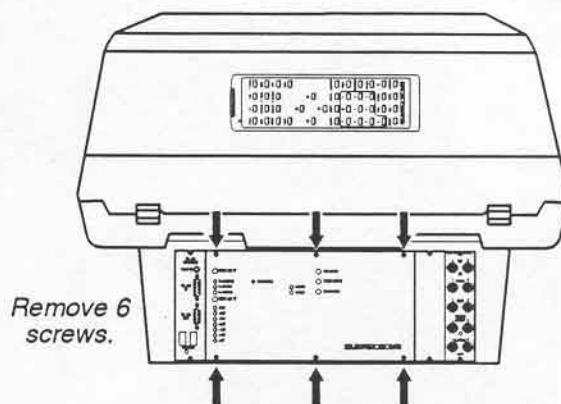


Figure 5-10. Rear Panel Removal

- To remove a module from the card rack use the printed circuit board extraction tool supplied in the tool kit. Insert the hook of the extraction tool into the hole located at the top and/or bottom of the module. Pull the module from the projector. See Figure 5-11.

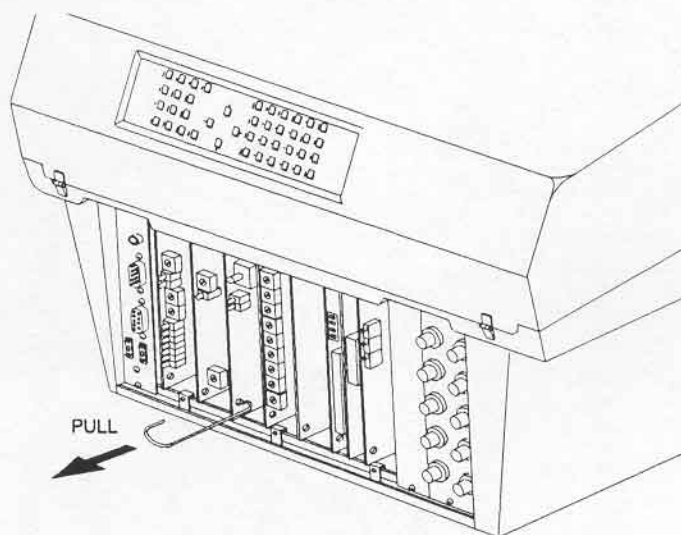


Figure 5-11. Card Rack Module Removal

**Video (RGB) Input
Module Removal**

Tools & Equipment Required:

- Phillips screw driver

- Turn off the projector then unplug it.
- Remove the 2 securing screws which secure the input module to the frame as shown in Figure 5-12.
- Pull the module away from the projector.

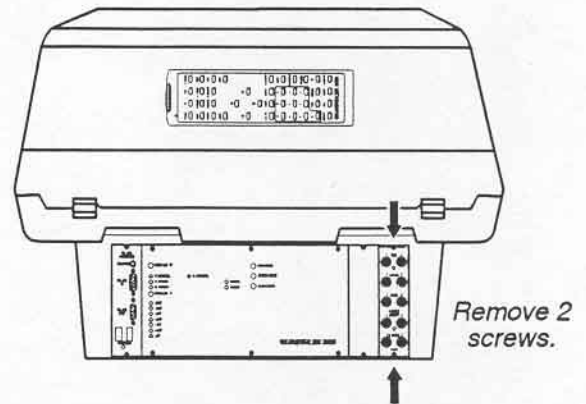


Figure 5-12. Side Panel Removal

**RS-232
Communications
Module Removal**

Tools & Equipment Required:

- Phillips screw driver

- Turn off the projector then unplug it.
- Remove the 2 securing screws which secure the RS-232 Communications Module to the frame as shown in Figure 5-13.
- Pull the assembly/module out about 4 inches (10 cm) then unplug the connector at the back of it.

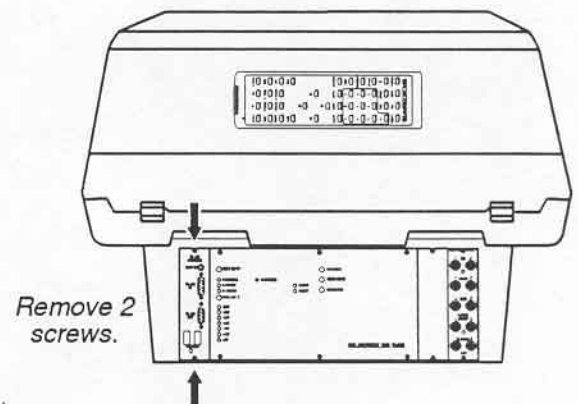


Figure 5-13. Comm. Module Removal

**Standby Power
Transformer
Removal**

Tools & Equipment Required:

- slot screw driver
- 1/4" hex head socket driver

- Turn off the projector then unplug it.
- Remove the front panel per removal procedure. Remove the screws which secure the front slide-out rack (2 screws) and front grounding wires (2 screws). Pull the rack out about 4 inches.

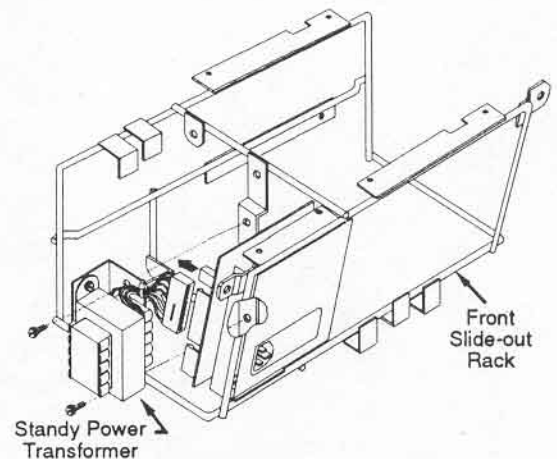


Figure 5-14. Transformer Removal

- c) Unplug the transformer harness connector from the Power Entry Module as shown in Figure 5-14.
- d) Unscrew the two hex head screws which secure the Standby Power Transformer bracket to the front slide-out rack. Feed the transformer assembly out through the bottom of the rack.
- e) Remove the two screws which secure the transformer to the bracket.

Line Filter Removal

Tools & Equipment Required:

- slot screw driver
- 1/4" hex head socket driver

- a) Turn off the projector then unplug it.
- b) Remove the front panel per removal procedure. Remove the screws which secure the front slide-out rack (2 screws) and front grounding wires (2 screws). Pull the rack out about 4 inches.

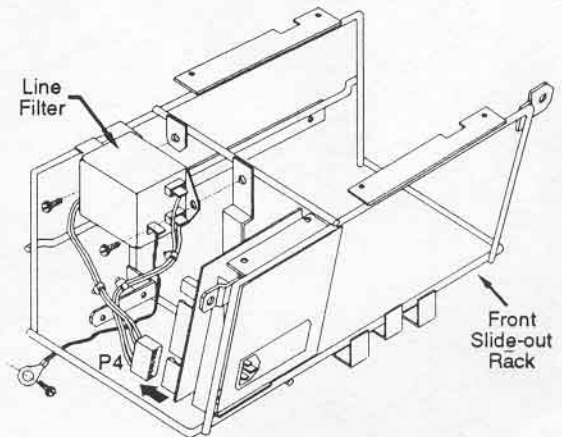


Figure 5-15. Line Filter Removal

- c) Unplug filter harness connector from the Power Entry Module as shown in Figure 5-15.
- d) Follow the yellow/green earth grounding wire from the line filter to the grounding point located on the projector frame. Disconnect the ground lead at the grounding point.
- e) Remove the two screws which secure the line filter to the front slide-out rack. Feed the filter out through the top of the rack.

Power Entry Module Removal

Tools & Equipment Required:

- slot screw driver
- 1/4" hex head socket driver

- a) Turn off the projector then unplug it.
- b) Remove the front panel per removal procedure. Remove the screws which secure the front slide-out rack (2 screws) and front ground wires (2 screws). Pull the rack out about 4 inches.

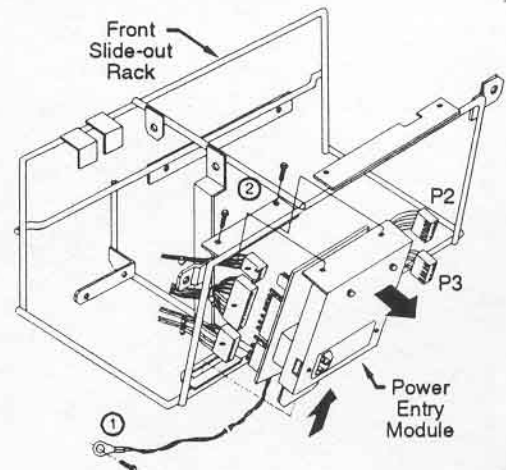


Figure 5-16. PEM Removal

- c) Follow the yellow/green grounding wire from the Power Entry Module to the grounding point on the projector chassis. See Figure 5-16. Disconnect the grounding wire.
- d) Disconnect the P1, P2, P3, P4 and P5 connections from the rear of the module.
- e) Remove the two hex head screws at the top of the module as shown.
- f) Remove the Power Entry Module from the front slide-out rack as shown.

High Voltage Power Supply (HVPS) Removal

Tools & Equipment Required:

- slot screw driver
- 1/4" hex head socket driver

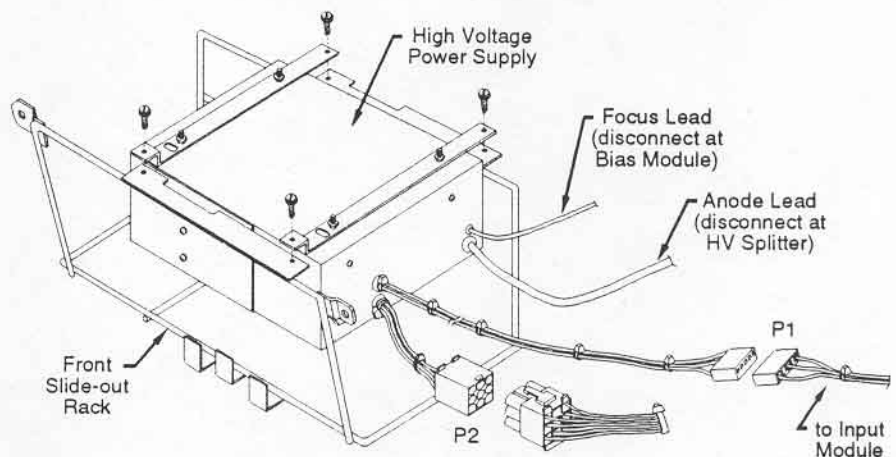


Figure 5-17. HVPS Removal

- a) Turn off the projector then unplug it.
- b) Remove the front panel per removal procedure. Remove the screws which secure the front slide-out rack (2 screws) and front grounding wires (2 screws). Pull the rack out about 4 inches.
- c) Remove the side panels per removal procedure.
- d) Follow the anode lead from the High Voltage Power Supply to the High Voltage Splitter located in the projection head portion of the projector. Disconnect the anode lead from the Splitter and route it back to the supply.

Note: Record the positions of any cable ties requiring removal.

- e) Trace the Focus lead from the High Voltage Power Supply to the Bias/Focus Module located in the projection head portion of the projector. Disconnect the Focus lead from the Bias Board. Attach a piece of wire or string to the end of the lead then route the lead back to the power supply. Detach the wire/string. Use the wire/string to re-route the new lead when installing the new supply.

Note: Record the positions of any cable ties requiring removal.

- f) Disconnect the M24-P1 and M24-P2 connectors from the module as shown in Figure 5-17.
- g) Remove the 4 hex head screws as shown. Guide the High Voltage Power Supply out the right side of the front slide-out rack.

Low Voltage Power Supply (LVPS) Removal

Tools & Equipment Required:

- slot screw driver
- 1/4" hex head socket driver

- a) Turn off the projector then unplug it.
- b) Remove the side panels per removal procedure.
- c) Remove the front panel per removal procedure. Remove the screws which secure the front slide-out rack (2 screws) and front grounding wires (2 screws). Pull the rack out about 4 inches.

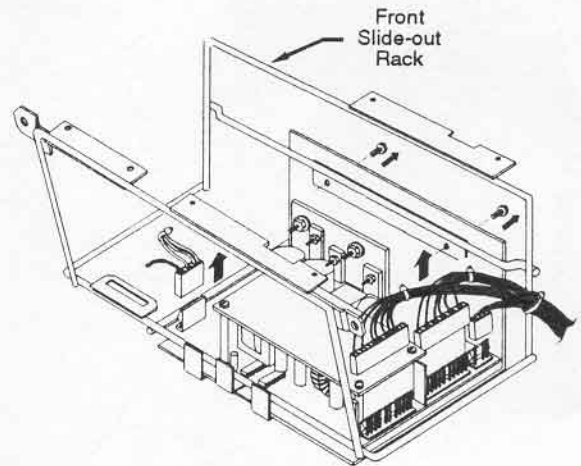


Figure 5-18. LVPS Removal

- d) Remove the High Voltage Power supply per removal procedure.
- e) Disconnect the P1, P2, P3, P4 connections from the module. See Figure 5-18.
- f) Pull back and lower the Low Voltage Power Supply until it is removed from the front slide-out rack.

Keystone Module Removal

Tools & Equipment Required:

- slot screw driver
- 1/4" hex head socket driver

- a) Turn off the projector then unplug it.
- b) Remove the front panel per removal procedure. Remove the screws which secure the front slide-out rack (2 screws) and front ground wires (2 screws). Pull the rack out about 4 inches.

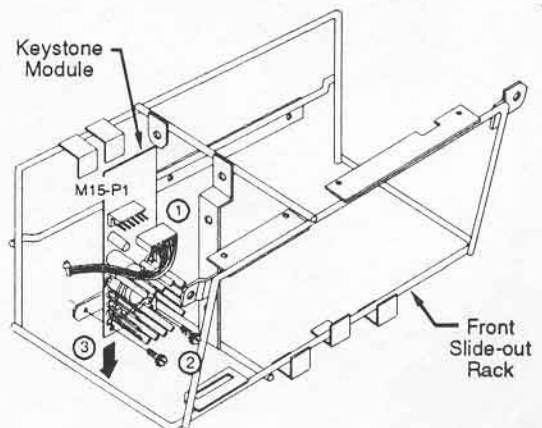


Figure 5-19. Keystone Module Removal

- c) Disconnect connector P1 from the Keystone Module. See Figure 5-19.
- d) Remove the two screws at the bottom of the Keystone Board.
- e) Lower the Keystone Module from the slide-out rack.

Built-in Keypad Removal

Tools & Equipment Required:

- slot screw driver
- 1/4" hex head socket driver

- a) Turn off the projector then unplug it.
- b) Remove the top cover per removal procedure.

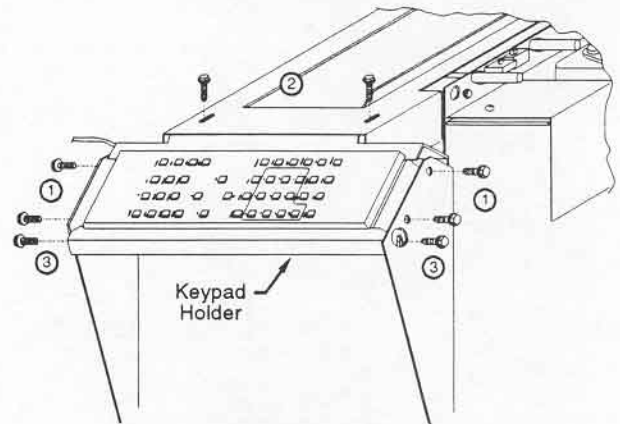


Figure 5-20. Keypad Removal

- c) See Figure 5-20. Remove the 4 hex head screws which secure the keypad holder to the side brackets then remove the top 2 hex head screws which secure the keypad holder to the top bracket.
- d) Remove the 2 corner screws on the bracket. Gently bend the tow top flanges of the holder to free the keypad.
- e) Open the compartment at the back of the keypad. Unplug the keypad harness cable.

Keypad Brackets Removal

The keypad brackets must be removed to allow removal of the CRT, its associated components, and the Power Deflection Modules.

Tools & Equipment Required:

- slot screw driver
- 1/4" hex head socket driver

- a) Turn off the projector then unplug it.
- b) Remove the top cover per removal procedure.

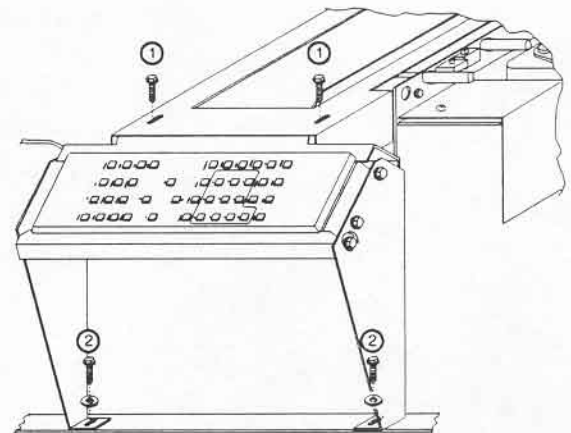


Figure 5-21. Keypad Brackets Removal

- c) See Figure 5-21. Remove the top 2 hex head screws which secure the keypad holder to the top bracket.

- d) Look at the bottom of the keypad side brackets. Remove the two screws which secure each side bracket to the projector chassis. Move the brackets (with the keypad attached) off to one side. The Green CRT and its associated components are now accessible for removal.

Bias/Focus Module Removal ➤

Tools & Equipment Required:

- slot screw driver
- Phillips screw driver

- a) Turn off the projector then unplug it.
- b) Remove the top cover per removal procedure. Also remove the plastic safety shield as covered in the procedure.
- c) Locate and disconnect the following wires on the Bias/Focus Module: P1, P2, P3, P4, P5, P6, P7, P8, P9, P10, P11 and P12.
- d) Remove the two Phillips screws which secure the module to the rectangular top bracket. See Figure 5-22.

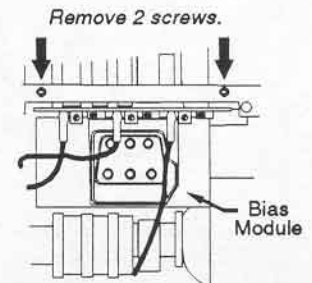


Figure 5-22.
Bias/Focus Module Removal

Power Deflection Module Removal ➤

Tools & Equipment Required:

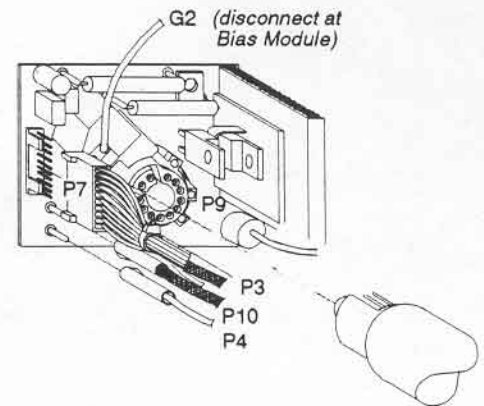
- slot screw driver
- 3/16" hex head socket driver

- a) Turn off the projector then unplug it.
- b) Remove the top cover per removal procedure.
- c) Remove the keypad brackets (with keypad) per removal procedure. (It is not necessary to disconnect the keypad).
- d) Disconnect connectors P6, P7, and P8 from the Power Deflection Module.
- e) Remove the two Phillips screws securing the Power Deflection Module to the upper rear extrusion.
- f) Carefully remove the Power Deflection Module from the projector.

**Video Output
Module Removal** ➤**Tools & Equipment Required:**

- slot screw driver

- Turn off the projector then unplug it.
- Remove the top cover per removal procedure.
- If the Video Output module for the green CRT is to be removed, remove the keypad bracket (with keypad) per removal procedure. (The keypad cable does not need to be disconnected).

**Figure 5-23.****Video Output Module Removal**

- Gently pull the Video Output Module away from the CRT. The module is secured to the CRT by a small amount of hot-melt glue. The joint between the glue and the CRT should break without difficulty.

Note: The purpose of the glue is to secure the Video Output Module for shipping. At reassembly time, it may not be necessary to reapply the glue. If you decide to reapply the glue, pull or scrape off the hardened glue from the module's CRT connector. Reconnect the Video Output Module to the CRT and apply the same amount of hot melt glue between the CRT connector and the CRT connector terminals.

- Follow the G2 lead to the Bias/Focus Module and disconnect it.
- Disconnect the following connectors and leads from the Video Output Module:

Focus Lead (to Bias/Focus module)
 P3 (ground)
 P10 (ground)
 P7
 P9

CRT Removal ➤

Refer to section 4.16, *CRT Replacement and Realignment* for removal instructions.

Lens Assembly Removal

Tools & Equipment Required:

- slot screw driver
- 1/4" hex head socket driver

- a) Turn off the projector then unplug it.
- b) Remove the top cover per removal procedure.
- c) Remove the foam shield which surround the lenses.
- d) Remove the 4 hex head screws (and washers) which secure the lens to the lens mounting plate. See Figure 5-24.

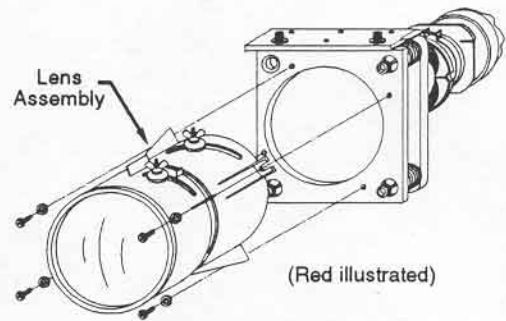


Figure 5-24. Lens Removal

- e) Carefully remove the lens from the projector.

Mother Board Removal

Tools & Equipment Required:

- slot screw driver
- 1/4" hex head socket driver
- Phillips screw driver

- a) Turn off the projector then unplug it.
- b) Remove the following covers and panels per their removal procedures:
 - top cover
 - both side panels
 - lower case
 - rear panel

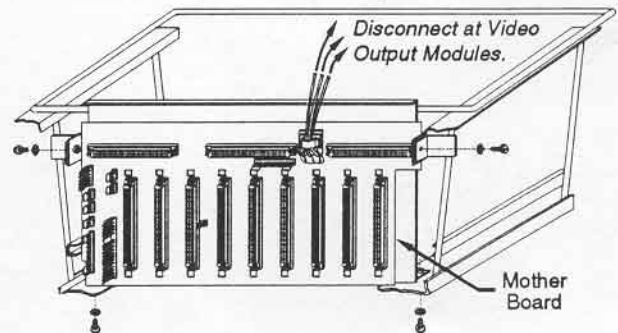


Figure 5-25. Mother Board Removal

- c) Remove all rear plug-in modules. These include:
 - Video Input Module(s)
 - Video Control Module
 - Convergence Module
 - Auto-Convergence Module (optional)
 - Waveform Module
 - Remote Control Module
 - Horizontal Deflection
 - Vertical Deflection & Horizontal
 - Regulation Module
 - RS-232 Communications Module

- d) From the rear panel card rack, remove each of the upper and lower snap-in type card slides and module shields.

Note: Record the slot position for removed shields. For ease, it is recommended to remove slides and shields beginning from the right side to the left side of the card rack.

- e) Remove each Power Deflection Module per removal procedure.
- f) Unplug all connections from the Mother Board. These include: P13, P14, P15, P16, P17, P18, P21, P22 and P23.
- g) Follow the three leads which lead to the Video Output Modules. Unplug the lead at each module.
- h) Remove the hex head screws securing the projector bottom plate to the projector frame. See Figure 5-25.
- i) With the bottom plate removed, remove the 2 side screws which secure the Mother Board backplane to the projector frame.
- j) The Mother Board can then be removed through the bottom of the projector frame.