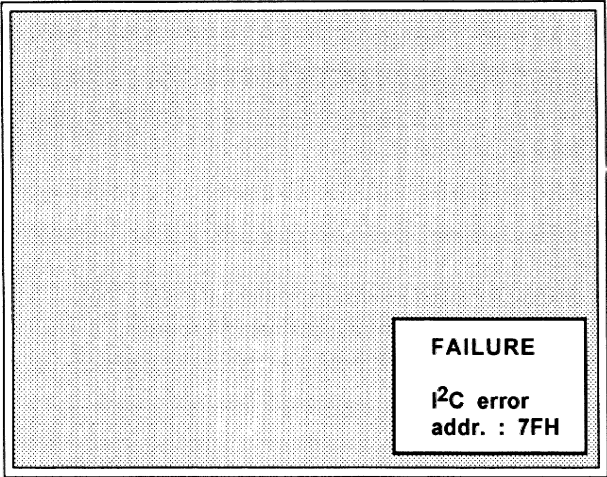


I²C error is displayed on the screen together with the respective address, as illustrated on screen picture:

The table below indicates which IC corresponds to the displayed address . Replacement of the indicated IC solves the I²C error.



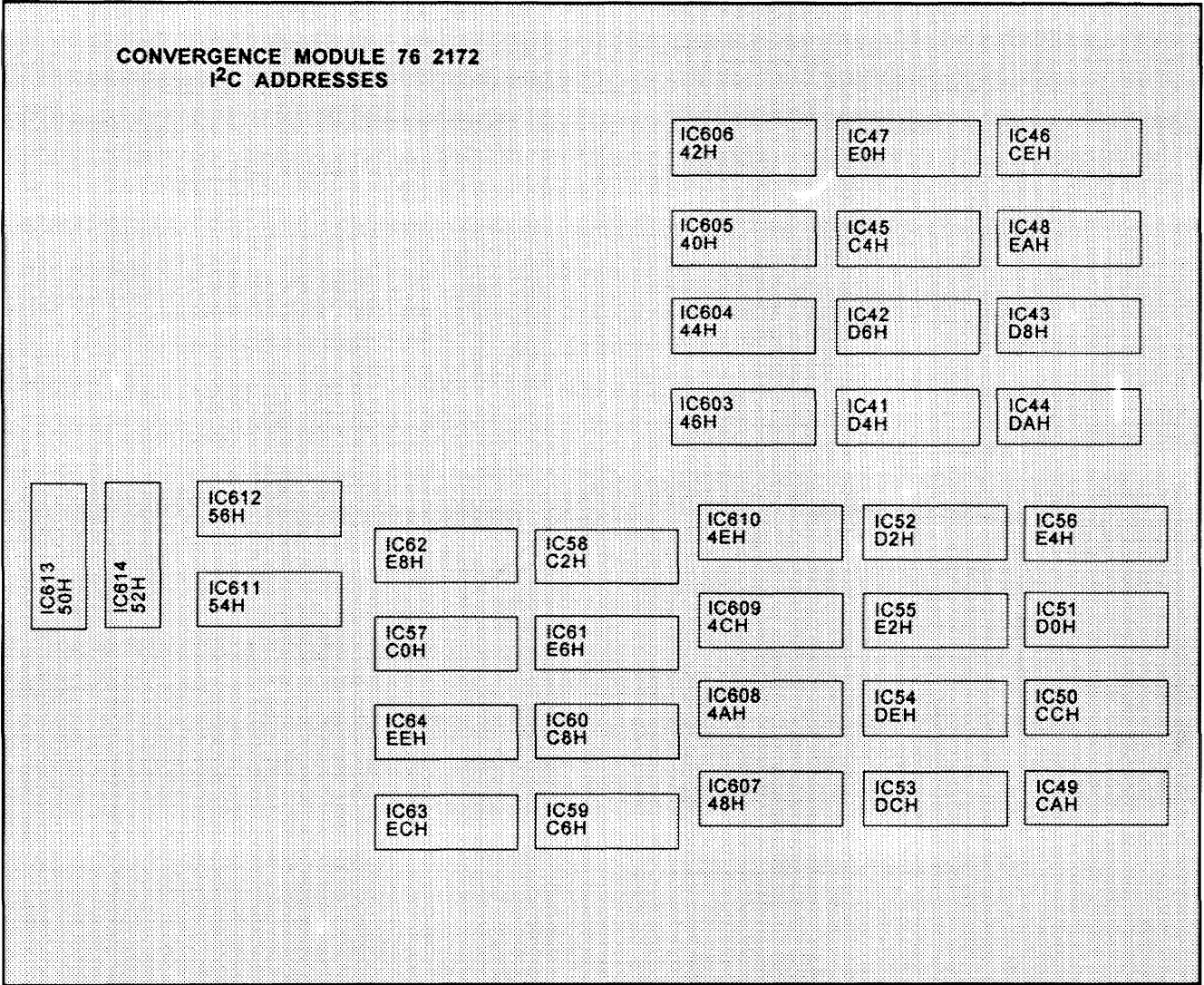
Convergence module 76 2172

Convergence zones

1	2	3	4	5
6	7	8	9	10
11	12		13	14
15	16	17	18	19
20	21	22	23	24

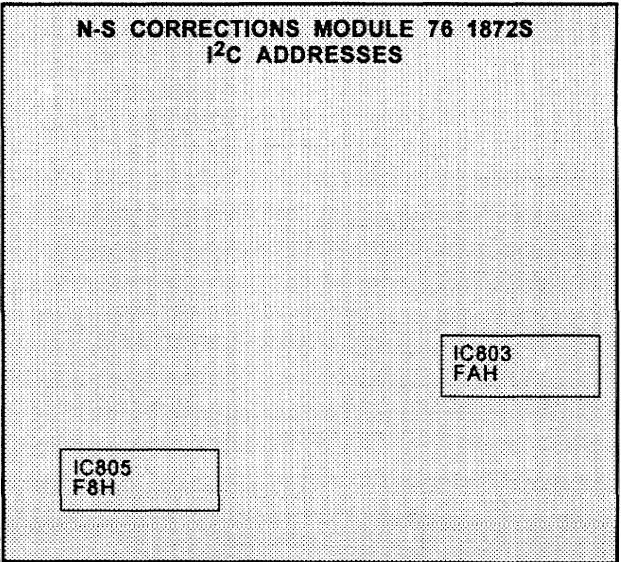
HEX address	IC	CORRECTION Red/Blue vert./hor.	ZONE
C0H	IC57		1
C2H	IC58		2
C4H	IC45		3
C6H	IC59		4
C8H	IC60		5
CAH	IC49		6
CCH	IC50		7
CEH	IC46		8
D0H	IC51		9
D2H	IC52		10
D4H	IC41		11
D6H	IC42		12
D8H	IC43		13
DAH	IC44		14
DCH	IC53		15
DEH	IC54		16
E0H	IC47		17

E2H	IC55	18	
E4H	IC56	19	
E6H	IC61	20	
E8H	IC62	21	
EAH	IC48	22	
ECH	IC63	23	
EEH	IC64	24	
HEX address	IC	CORRECTION	ZONE
		Green vert./hor.	
40H	IC605		22
			3
42H	IC606		8
			17
44H	IC60		13
			12
46H	IC60		14
			11
48H	IC607		6
			15
4AH	IC608		7
			16
4CH	IC609		9
			18
4EH	IC610		19
			10
50H	IC613		4
			23
52H	IC614		5
			24
54H	IC611		20
			1
56H	IC612		2
			21



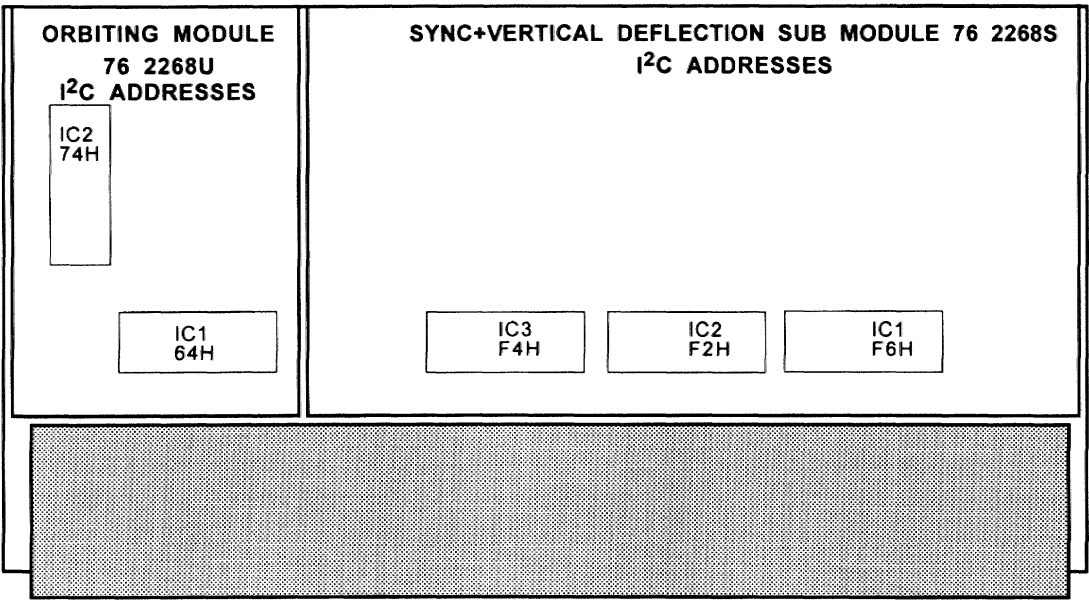
N-S CORRECTIONS 76 1872S

HEX address	IC	CORRECTION
F8H	IC805	top keystone bottom keystone top bow bottom bow
FAH	IC803	horizontal midline bow horizontal midline skew vertical midline bow vertical midline skew



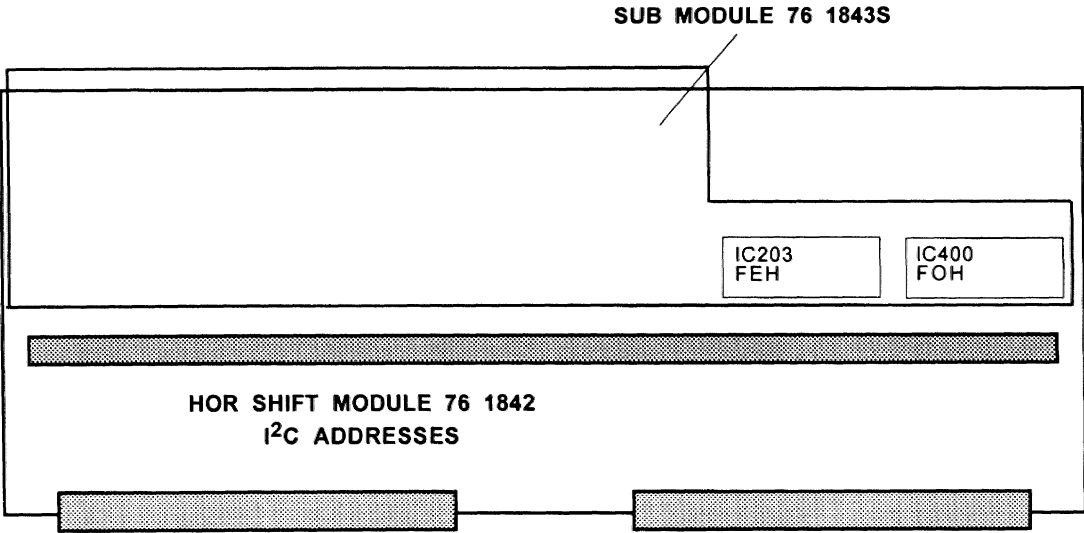
SYNC+VERTICAL DEFLECTION MODULE 76 2269

HEX address	IC	CORRECTION	HEX address	IC	CORRECTION
F2H	IC3	bottom blanking vertical shift red vertical shift green vertical shift blue	F6H	IC1	side keystone side bow left blanking right blanking
F4H	IC2	vertical amplitude vertical linearity horizontal phase top blanking	ORBITING 74H	IC2	max deviation zero deviation slow orbiting fast orbiting
			64H	IC1	shift orbit phase orbit



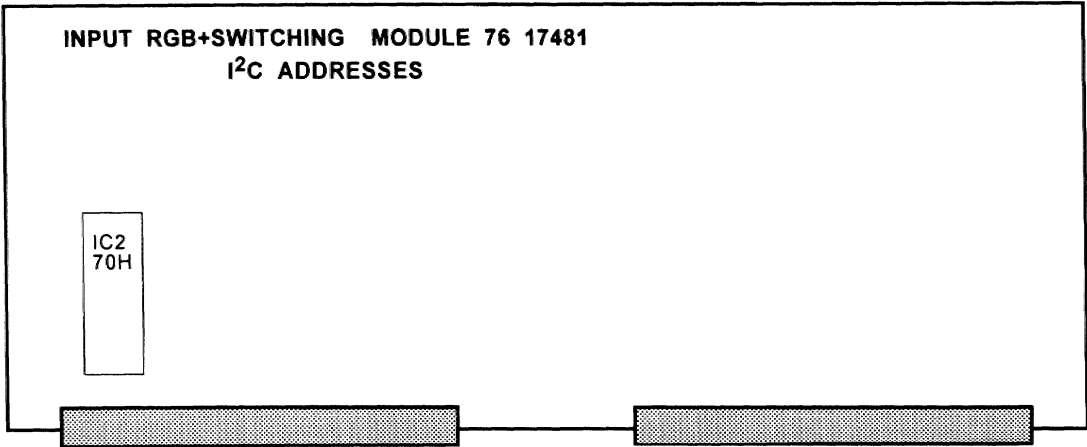
HOR SHIFT 76 18425

HEX address	IC	CORRECTION	HEX address	IC	CORRECTION
F0H	IC400	horizontal shift red horizontal shift green horizontal shift blue x (not used)	FEH	IC203	horizontal amplitude x (not used) x (not used) x (not used)



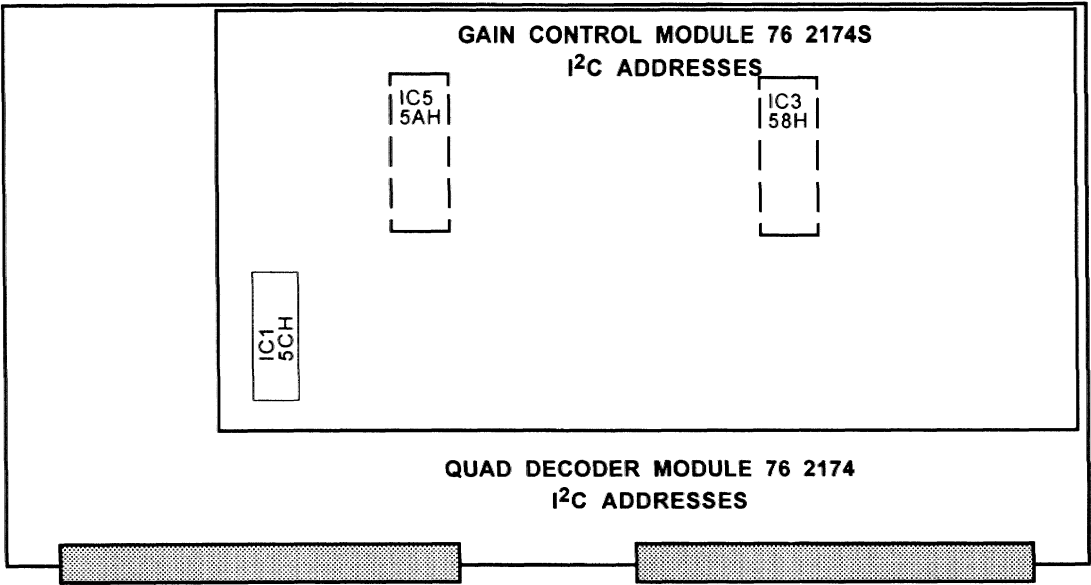
INPUT RGB+SWITCHING 76 17481

HEX address	IC	CORRECTION
70H	IC2	red on/off green on/off blue on/off sync fast/slow input video input S-video input RGB TTL input RGsB analog input RGBS analog internal pattern enhanced blue on/off



QUAD DECODER+GAIN CONTROL 76 2174

HEX address	IC	CORRECTION	HEX address	IC	CORRECTION
58H	IC3	saturation R-Y saturation B-Y tint sharpness	Gain control 5CH	IC1	red gain blue gain red cut off blue cut off
5AH	IC5	contrast brightness blanking left blanking right			



I²C error messages in ascending order of address number

HEXaddress	IC	MODULE			
			D0H	IC51	Convergence 76 2172
40H	IC605	Convergence 76 2172	D2H	IC52	Convergence 76 2172
42H	IC606	Convergence 76 2172	D4H	IC41	Convergence 76 2172
44H	IC60	Convergence 76 2172	D6H	C42	Convergence 76 2172
46H	IC60	Convergence 76 2172	D8H	IC43	Convergence 76 2172
48H	IC607	Convergence 76 2172	DAH	IC44	Convergence 76 2172
4AH	IC608	Convergence 76 2172	DCH	IC53	Convergence 76 2172
4CH	IC609	Convergence 76 2172	DEH	C54	Convergence 76 2172
4EH	IC610	Convergence 76 2172			
			E0H	IC47	Convergence 76 2172
50H	IC613	Convergence 76 2172	E2H	IC55	Convergence 76 2172
52H	IC614	Convergence 76 2172	E4H	IC56	Convergence 76 2172
54H	IC611	Convergence 76 2172	E6H	IC61	Convergence 76 2172
56H	IC612	Convergence 76 2172	E8H	IC62	Convergence 76 2172
58H	IC3	Q Decoder+Gain 76 2174	EAH	IC48	Convergence 76 2172
5AH	IC5	Q Decoder+Gain 76 2174	ECH	IC63	Convergence 76 2172
5CH	IC1	Q Decoder+Gain 76 2174	EEH	IC64	Convergence 76 2172
64H	IC1	Orbiting 76 2268U	F0H	IC400	Hor Shift 76 1842
			F2H	IC3	Sync+Vert defl 76 2268
70H	IC2	In RGB+Switching 76 17481	F4H	IC2	Sync+Vert defl 76 2268
74H	IC2	Orbiting 76 2268U	F6H	IC1	Sync+Vert defl 76 2268
			F8H	IC805	N-S corrections 76 1872S
C0H	IC57	Convergence 76 2172	FAH	IC803	N-S corrections 76 1872S
C2H	IC58	Convergence 76 2172	FEH	IC203	Hor Shift 76 1842
C4H	IC45	Convergence 76 2172			
C6H	IC59	Convergence 76 2172			
C8H	IC60	Convergence 76 2172			
CAH	IC49	Convergence 76 2172			
CCH	IC50	Convergence 76 2172			
CEH	IC46	Convergence 76 2172			

Refer to preceding pages for IC location on module and fault identification.