



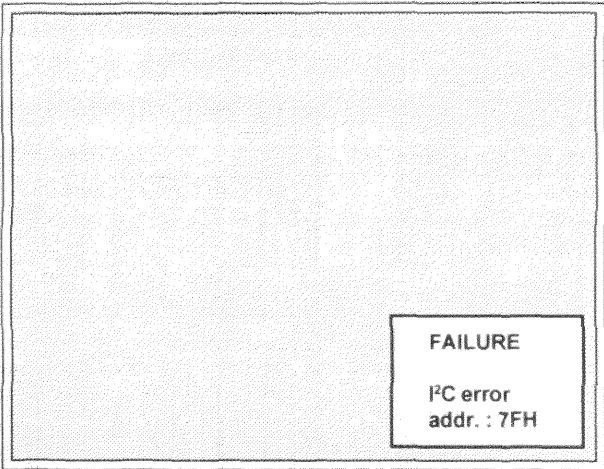
BARCO Projection Systems

SECTION **S**

service sheet

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 (Driver) R762454 - Green convergence sub module R7625128

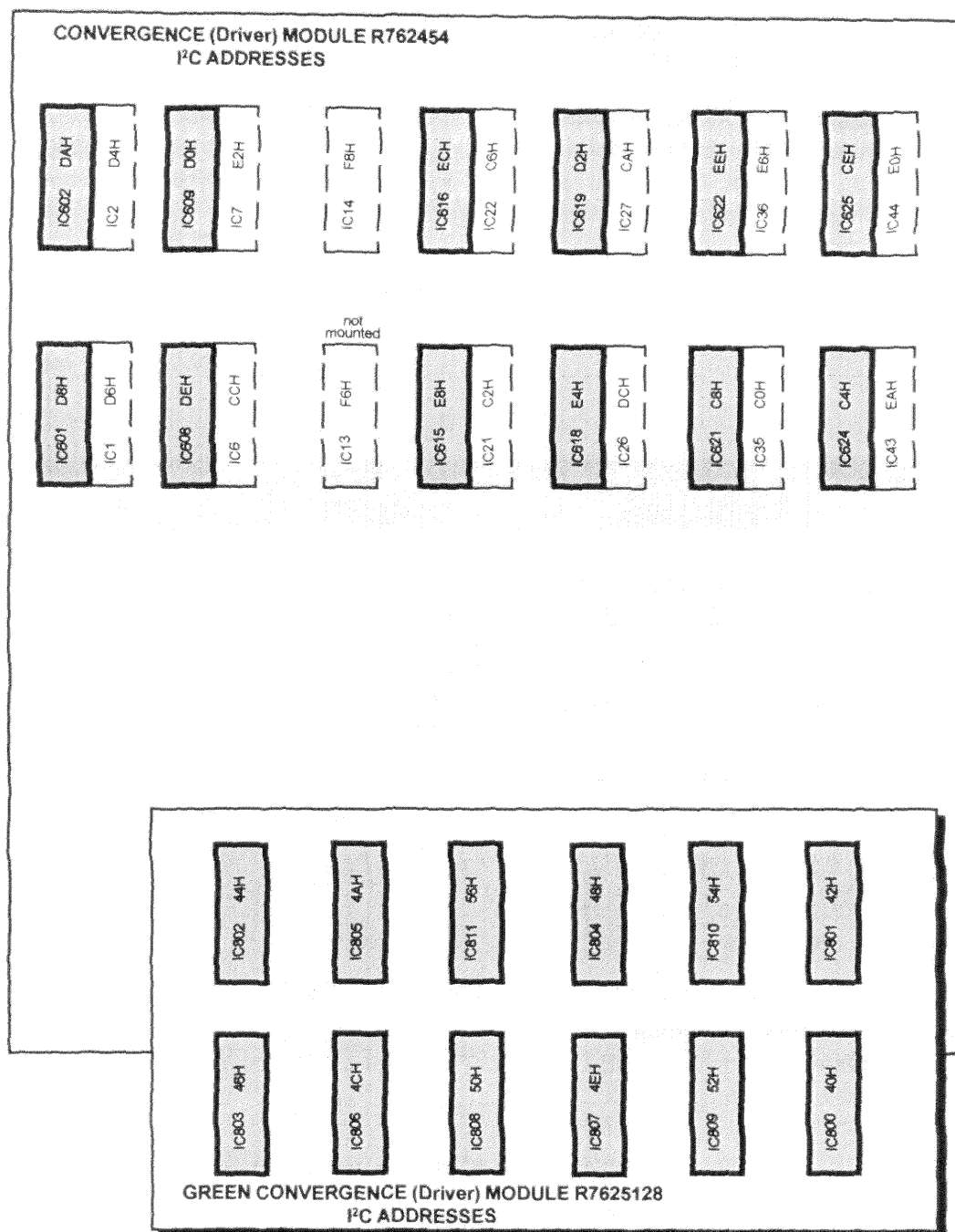
Convergence zones

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	IC35		1
C2H	IC21		2
C4H	IC624		3
C6H	IC22		4
C8H	IC621		5
CAH	IC27		6
CCH	IC6		7
CEH	IC625		8
D0H	IC609		9
D2H	IC619		10
D4H	IC2		11
D6H	IC1		12
D8H	IC601		13
DAH	IC602		14
DCH	IC26		15
DEH	IC608		16
E0H	IC44		17

E2H	IC7	18
E4H	IC618	19
E6H	IC36	20
E8H	IC615	21
EAH	IC43	22
ECH	IC616	23
EEH	IC622	24

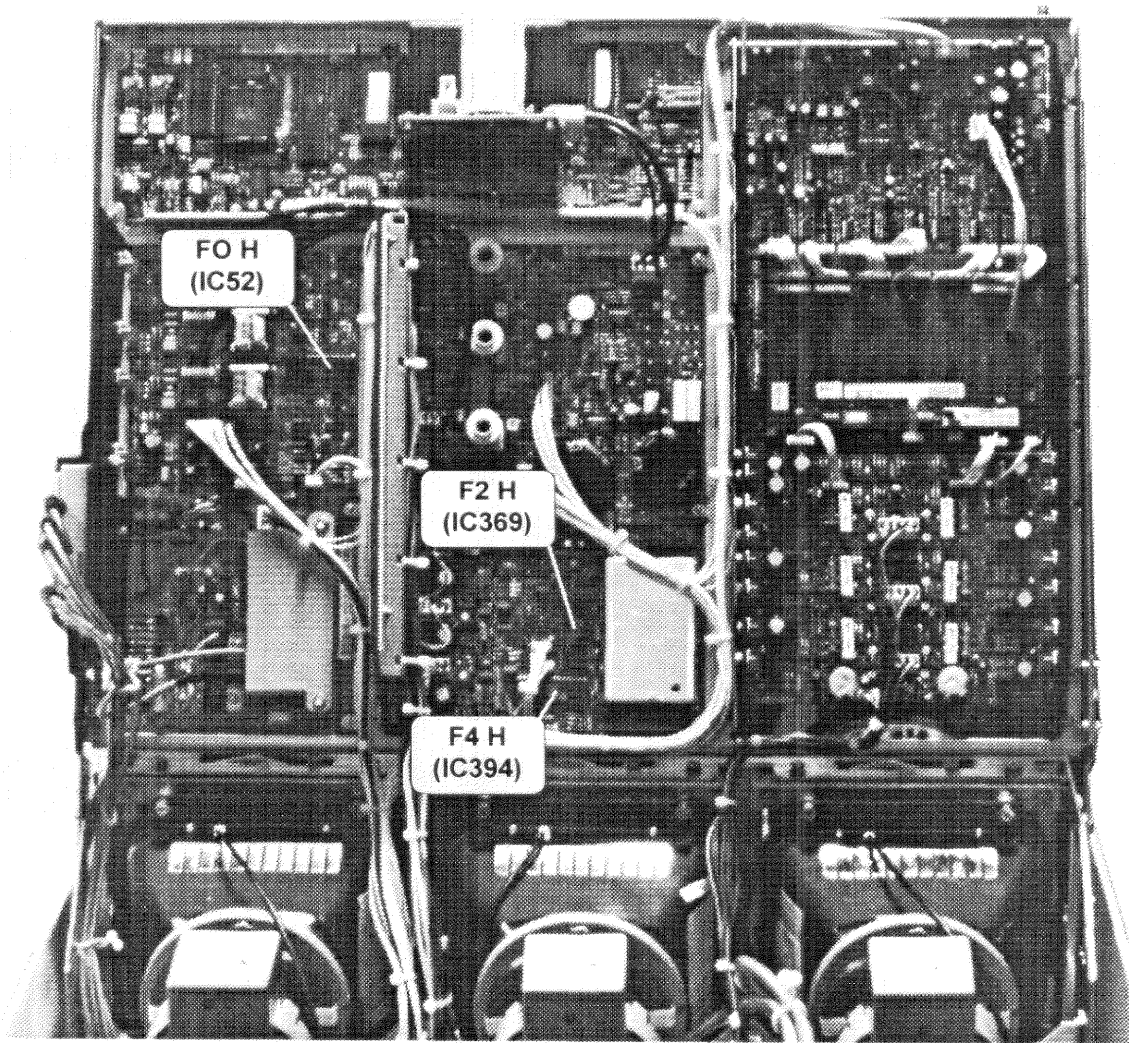
HEX address	IC	CORRECTION Green vert./hor.	ZONE
40H	IC800		22
			3
42H	IC801		8
			17
44H	IC802		13
			12
46H	IC803		14
			11
48H	IC804		6
			15
4AH	IC805		7
			16
4CH	IC806		9
			18
4EH	IC807		19
			10
50H	IC808		4
			23
52H	IC809		5
			24
54H	IC810		20
			1
56H	IC811		2
			21



HEX address	IC	CORRECTION N/S Correction	ZONE	HEX address	IC	CORRECTION N/S Correction	ZONE
F8H	IC14	top keystone bottom keystone top bow bottom bow		FAH	IC42	horizontal midline bow horizontal midline skew vertical midline bow vertical midline skew	

Horizontal and Vertical deflection module R762447

ADDRESS _{HEX}	IC	CORRECTION	ADDRESS _{HEX}	IC	CORRECTION
F2 H	IC394	Vert Coarse Shift Red Vert Fine Shift Red Vert Coarse Shift Green Vert Fine Shift Blue	F4 H	IC369	Vertical Amplitude Vertical Linearity Horizontal Amplitude Vert Coarse Shift Blue



Horizontal Shift+Focus module R762488

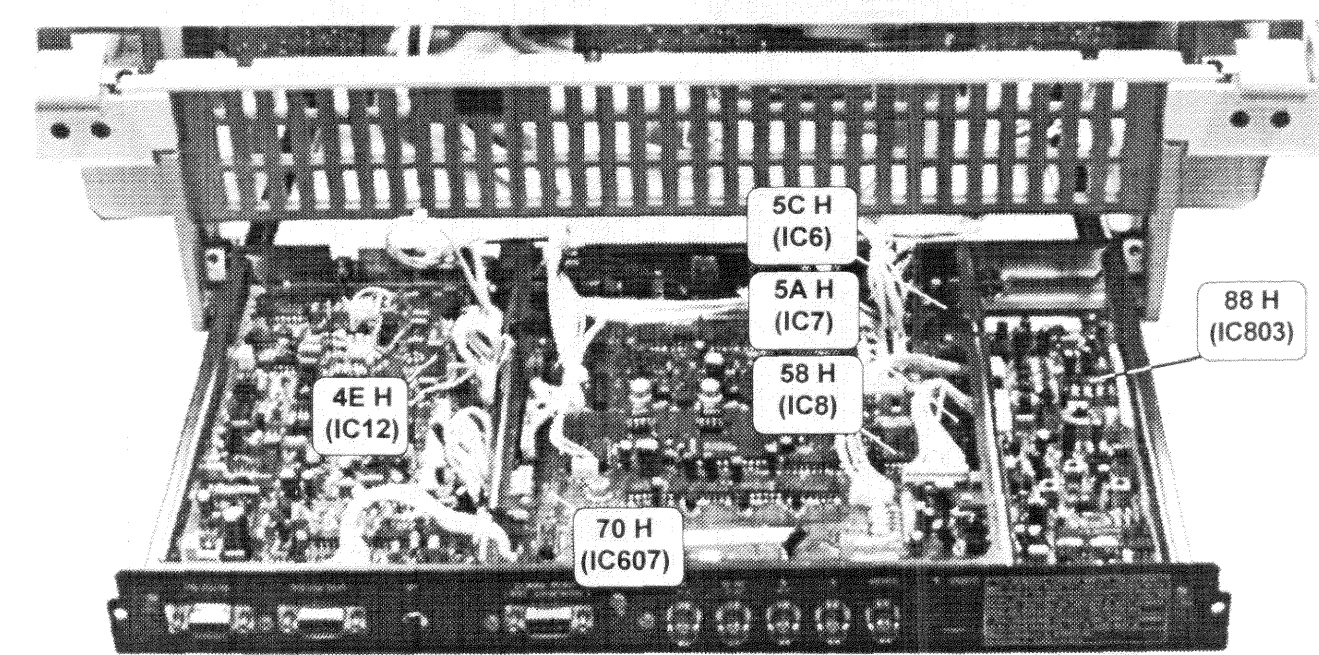
ADDRESS _{HEX}	IC	CORRECTION
F0 H	IC52	Horizontal Shift Red Horizontal Shift Green Horizontal Shift Blue

Synchronisation module R762489

QUAD Decoder module R762224

ADDRESS _{HEX}	IC	CORRECTION	ADDRESS _{HEX}	IC	CORRECTION
4E H	IC12	Blanking Right Blanking Left Blanking Bottom Blanking Top Hor Phase	88H	IC803	Luminance signal delay. Sharpness control

RGB Input+Drive module R762228



ADDRESS _{HEX}	IC	CORRECTION	ADDRESS _{HEX}	IC	CORRECTION
5C H	IC6	Black balance R Black balance G Black balance B Contrast control	58 H	IC8	Brightness control Tint (Hue) control Bandwidth limiting (RGB) ABL On/Off
5A H	IC7	White Balance Red White Balance Green White Balance Blue Saturation control			