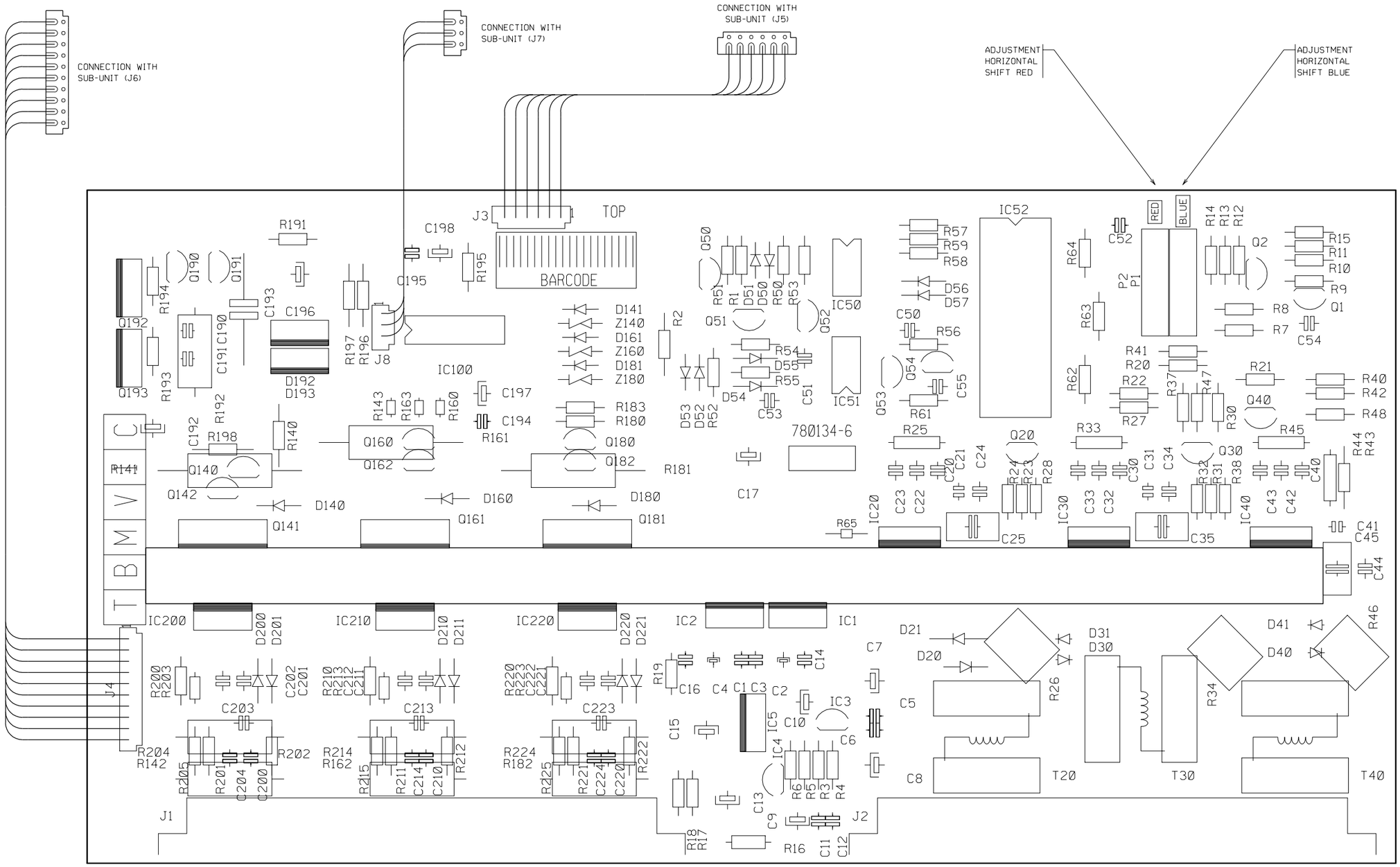
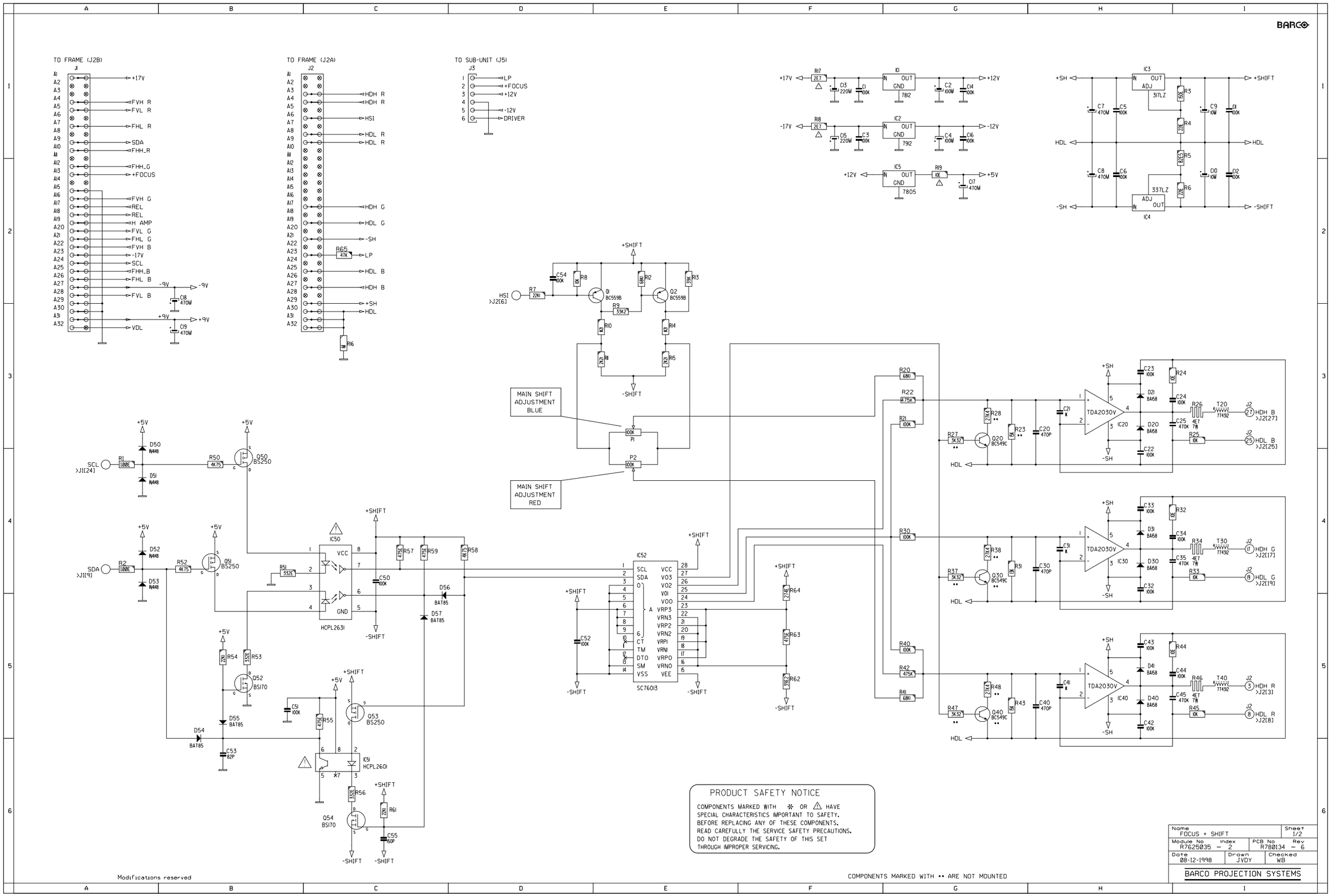
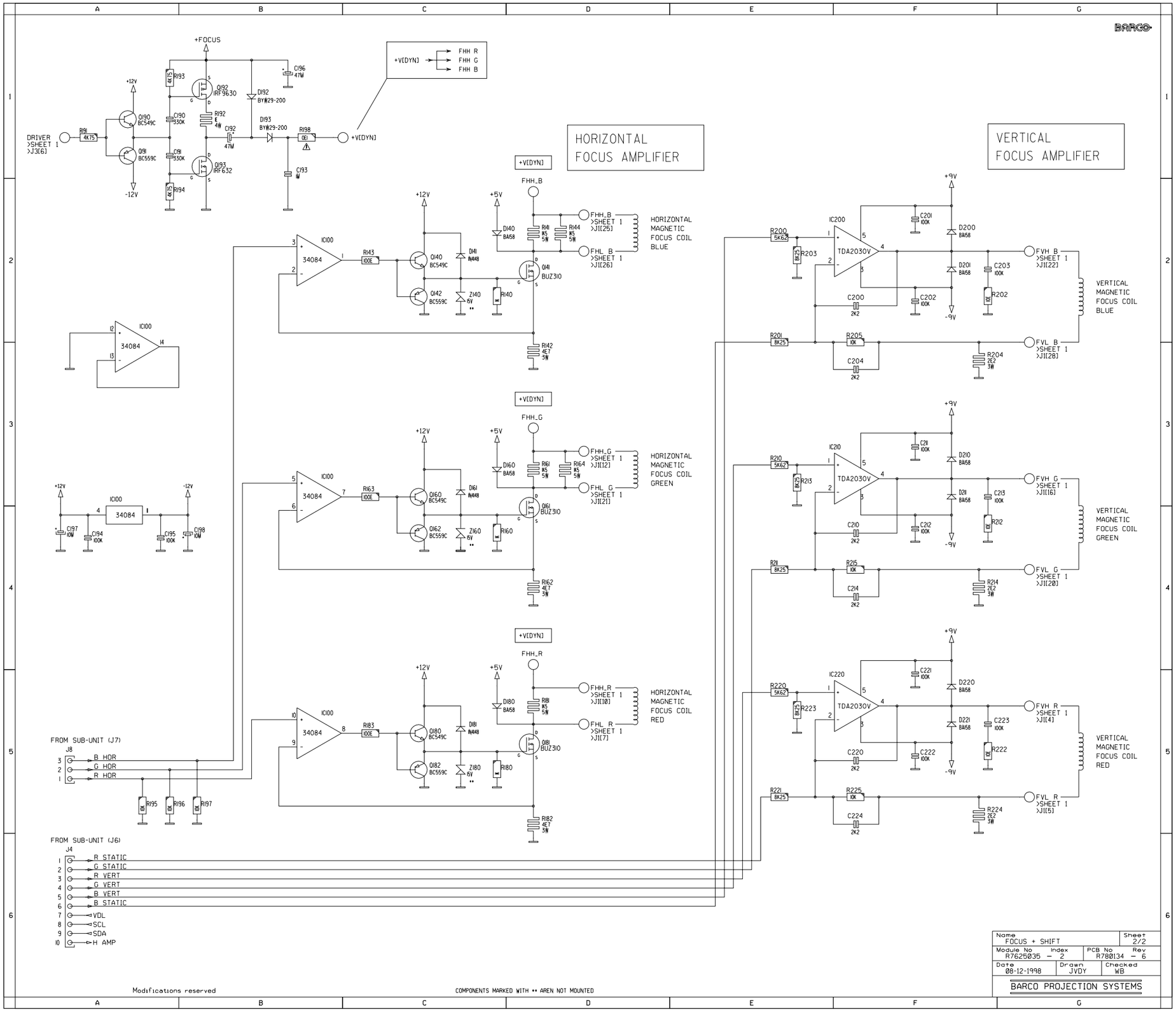


Name			Sheet
MAG. FOCUS + HOR. SHIFT			1 / 1
Module No	Index	PCB No	Rev
R7625035 —	2	R780134 —	6
Date	Drawn	Checked	
08-12-1998	JVDY	WBU	

BARCO PROJECTION SYSTEMS

Modifications reserved


BARCO
TO FRAME (J2B)
TO FRAME (J2A)
TO SUB-UNIT (J5)
MAIN SHIFT ADJUSTMENT BLUE
MAIN SHIFT ADJUSTMENT RED
TDA2030V
SC76013
HCPL263I
HCPL260I
PRODUCT SAFETY NOTICE
COMPONENTS MARKED WITH ✻ OR ⚠ HAVE SPECIAL CHARACTERISTICS IMPORTANT TO SAFETY. BEFORE REPLACING ANY OF THESE COMPONENTS. READ CAREFULLY THE SERVICE SAFETY PRECAUTIONS. DO NOT DEGRADE THE SAFETY OF THIS SET THROUGH IMPROPER SERVICING.
Modifications reserved
COMPONENTS MARKED WITH •• ARE NOT MOUNTED
Name FOCUS + SHIFT
Sheet 1/2
Module No R7625035 — Index 2
PCB No R780134 — Rev 6
Date 08-12-1998
Drawn JVDY
Checked WB
BARCO PROJECTION SYSTEMS



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C2	G 1	1
C3	F 1	1
C4	G 1	1
C5	H 1	1
C6	H 2	1
C7	H 1	1
C8	H 2	1
C9	I 1	1
C10	I 2	1
C11	I 1	1
C12	I 2	1
C13	F 1	1
C14	G 1	1
C15	F 1	1
C16	G 1	1
C17	G 2	1
C18	B 2	1
C19	B 3	1
C20	H 3	1
C21	H 3	1
C22	H 3	1
C23	H 3	1
C24	I 3	1
C25	I 3	1
C30	H 4	1
C31	H 4	1
C32	H 4	1
C33	H 4	1
C34	I 4	1
C35	I 4	1
C40	H 5	1
C41	H 5	1
C42	H 5	1
C43	H 5	1
C44	I 5	1
C45	I 5	1
C50	C 4	1
C51	B 5	1
C52	D 5	1
C53	B 6	1
C54	D 2	1
C55	C 6	1
C190	A 1	2
C191	A 1	2
C192	B 1	2
C193	B 1	2
C194	A 4	2
C195	A 4	2
C196	B 1	2
C197	A 4	2
C198	B 4	2
C200	F 2	2
C201	F 2	2
C202	F 2	2
C203	F 2	2
C204	F 3	2
C210	F 4	2
C211	F 3	2
C212	F 4	2
C213	F 3	2
C214	F 4	2
C220	F 5	2
C221	F 4	2
C222	F 5	2
C223	F 5	2
C224	F 5	2
D20	H 3	1
D21	H 3	1
D30	H 4	1
D31	H 4	1
D40	H 5	1
D41	H 5	1
D50	A 3	1
D51	A 4	1
D52	A 4	1
D53	A 4	1
D54	B 5	1
D55	B 5	1
D56	C 4	1
D57	C 5	1
D140	C 2	2
D141	C 2	2
D160	C 3	2
D161	C 3	2
D180	C 5	2
D181	C 5	2
D192	B 1	2
D193	B 1	2
D200	F 2	2
D201	F 2	2
D210	F 3	2
D211	F 3	2
D220	F 5	2
D221	F 5	2
IC1	G 1	1
IC2	G 1	1
IC3	H 1	1
IC4	H 2	1
IC5	G 2	1
IC20	H 3	1
IC30	H 4	1
IC40	H 5	1
IC50	C 4	1
IC51	C 6	1
IC52	E 4	1
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IC100	B 5	2
IC100	A 3	2
IC100	A 3	2
IC100	B 3	2
IC200	E 2	2
IC210	E 3	2
IC220	E 5	2
J1	A 1	1
J2	C 1	1
J3	D 1	1
J4	A 6	2
J8	A 5	2
P1	E 3	1
P2	E 4	1
Q1	E 2	1
Q2	E 2	1
Q20	G 3	1
Q30	G 4	1
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Q52	B 5	1
Q53	C 5	1
Q54	C 6	1
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Q141	D 2	2
Q142	C 2	2
Q160	C 3	2
Q161	D 3	2
Q162	C 4	2
Q180	C 5	2
Q181	D 5	2
Q182	C 5	2
Q190	A 1	2
Q191	A 1	2
Q192	B 1	2
Q193	B 1	2
R1	A 4	1
R2	A 4	1
R3	I 1	1
R4	I 1	1
R5	I 1	1
R6	I 2	1
R7	D 2	1
R8	D 2	1
R9	E 3	1
R10	E 3	1
R11	E 3	1
R12	E 2	1
R13	E 2	1
R14	E 3	1
R15	E 3	1
R16	C 3	1
R17	F 1	1
R18	F 1	1
R19	G 2	1
R20	G 3	1
R21	G 3	1
R22	G 3	1
R23	G 3	1
R24	I 3	1
R25	I 3	1
R26	I 3	1
R27	G 3	1
R28	G 3	1
R30	G 4	1
R31	G 4	1
R32	I 4	1
R33	I 4	1
R34	I 4	1
R37	G 4	1
R38	G 4	1
R40	G 5	1
R41	G 5	1
R42	G 5	1
R43	G 5	1
R44	I 5	1
R45	I 5	1
R46	I 5	1
R47	G 5	1
R48	G 5	1
R50	B 4	1
R51	B 4	1
R52	B 4	1
R53	B 5	1
R54	B 5	1
R55	C 5	1
R56	C 6	1
R57	C 4	1
R58	D 4	1
R59	C 4	1
R61	C 6	1
R62	F 5	1
R63	F 5	1
R64	F 4	1
R65	C 2	1
R140	C 2	2
R141	D 2	2
R142	D 3	2
R143	C 2	2
R144	D 2	2
R160	C 4	2
R161	D 3	2
R162	D 4	2
R163	C 3	2
R164	D 3	2
R180	C 5	2
R181	D 5	2
R182	D 5	2
R183	C 5	2
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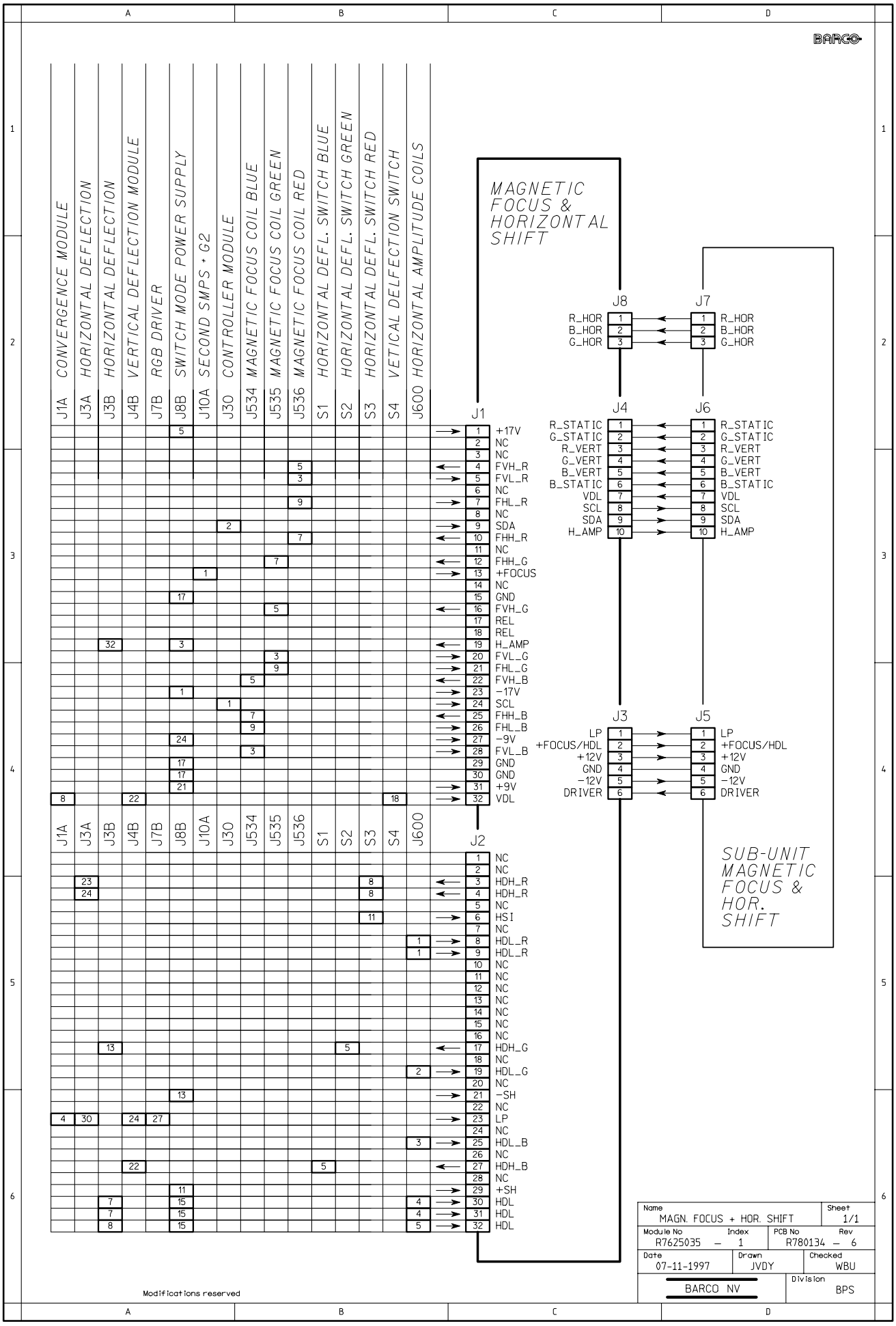
R192	B 1	2
R193	A 1	2
R194	A 2	2
R195	A 5	2
R196	A 5	2
R197	B 5	2
R198	B 1	2
R200	E 2	2
R201	E 2	2
R202	F 2	2
R203	E 2	2
R204	F 3	2
R205	F 2	2
R210	E 3	2
R211	E 4	2
R212	F 4	2
R213	E 3	2
R214	F 4	2
R215	F 4	2
R220	E 5	2
R221	E 5	2
R222	F 5	2
R223	E 5	2
R224	F 5	2
R225	F 5	2
T20	I 3	1
T30	I 4	1
T40	I 5	1
Z140	C 2	2
Z160	C 4	2
Z180	C 5	2


BARCO
MAGNETIC FOCUS & HORIZONTAL SHIFT
SUB-UNIT MAGNETIC FOCUS & HOR. SHIFT
J1A CONVERGENCE MODULE
J3A HORIZONTAL DEFLECTION
J3B HORIZONTAL DEFLECTION
J4B VERTICAL DEFLECTION MODULE
J7B RGB DRIVER
J8B SWITCH MODE POWER SUPPLY
J10A SECOND SMPS + G2
J30 CONTROLLER MODULE
J534 MAGNETIC FOCUS COIL BLUE
J535 MAGNETIC FOCUS COIL GREEN
J536 MAGNETIC FOCUS COIL RED
S1 HORIZONTAL DEFL. SWITCH BLUE
S2 HORIZONTAL DEFL. SWITCH GREEN
S3 HORIZONTAL DEFL. SWITCH RED
S4 VETICAL DELFECTION SWITCH
J600 HORIZONTAL AMPLITUDE COILS
J1
1 +17V
2 NC
3 NC
4 FVH_R
5 FVL_R
6 NC
7 FHL_R
8 NC
9 SDA
10 FHH_R
11 NC
12 FHH_G
13 +FOCUS
14 NC
15 GND
16 FVH_G
17 REL
18 REL
19 H_AMP
20 FVL_G
21 FHL_G
22 FVH_B
23 -17V
24 SCL
25 FHH_B
26 FHL_B
27 -9V
28 FVL_B
29 GND
30 GND
31 +9V
32 VDL
J2
1 NC
2 NC
3 HDH_R
4 HDH_R
5 NC
6 HSI
7 NC
8 HDL_R
9 HDL_R
10 NC
11 NC
12 NC
13 NC
14 NC
15 NC
16 NC
17 HDH_G
18 NC
19 HDL_G
20 NC
21 -SH
22 NC
23 LP
24 NC
25 HDL_B
26 NC
27 HDH_B
28 NC
29 +SH
30 HDL
31 HDL
32 HDL
J8
R_HOR 1
B_HOR 2
G_HOR 3
J7
1 R_HOR
2 B_HOR
3 G_HOR
J4
R_STATIC 1
G_STATIC 2
R_VERT 3
G_VERT 4
B_VERT 5
B_STATIC 6
VDL 7
SCL 8
SDA 9
H_AMP 10
J6
1 R_STATIC
2 G_STATIC
3 R_VERT
4 G_VERT
5 B_VERT
6 B_STATIC
7 VDL
8 SCL
9 SDA
10 H_AMP
J3
LP 1
+FOCUS/HDL 2
+12V 3
GND 4
-12V 5
DRIVER 6
J5
1 LP
2 +FOCUS/HDL
3 +12V
4 GND
5 -12V
6 DRIVER
Name
MAGN. FOCUS + HOR. SHIFT
Sheet
1/1
Module No
R7625035
Index
1
PCB No
R780134
Rev
6
Date
07-11-1997
Drawn
JVDY
Checked
WBU
BARCO NV
Division
BPS
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