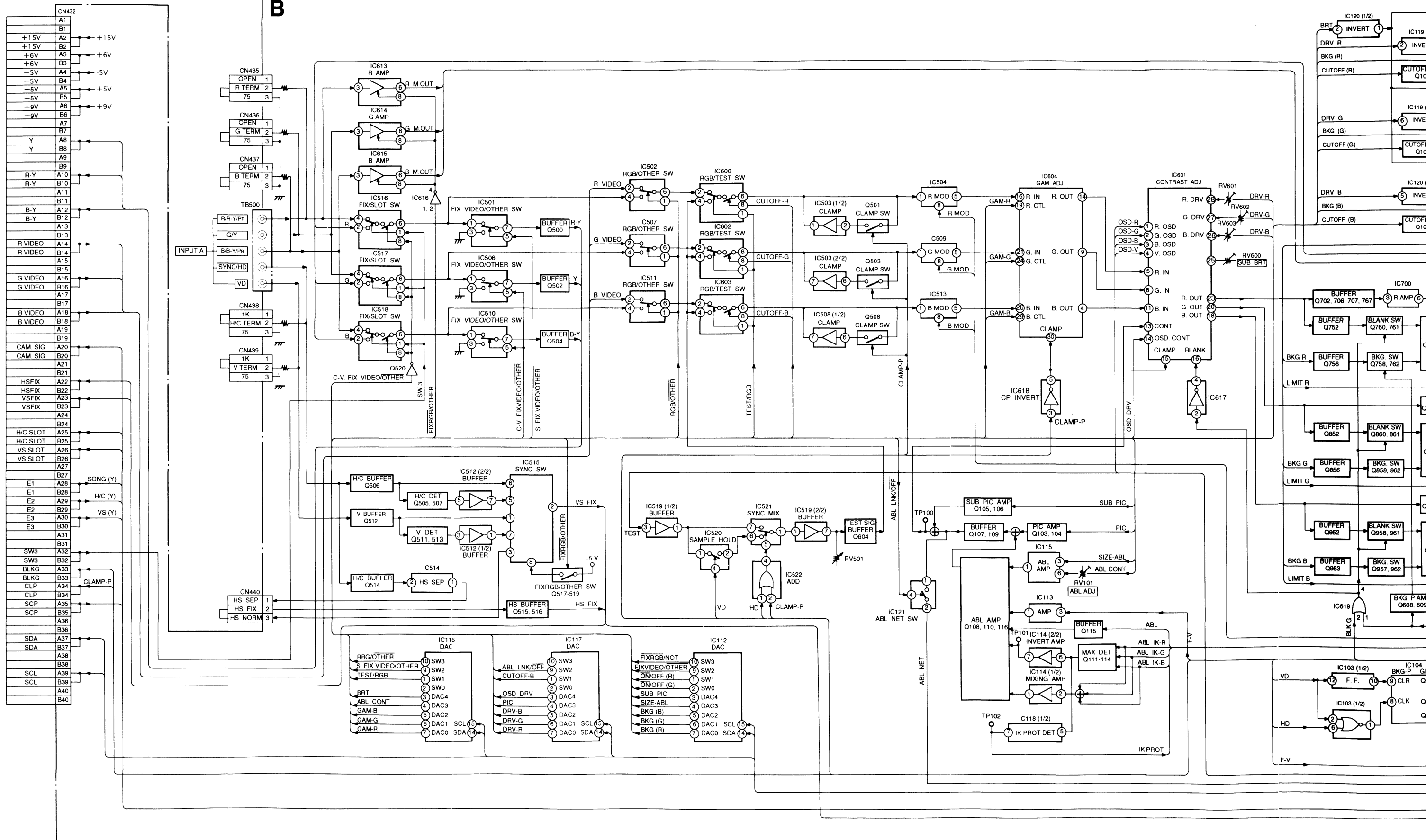


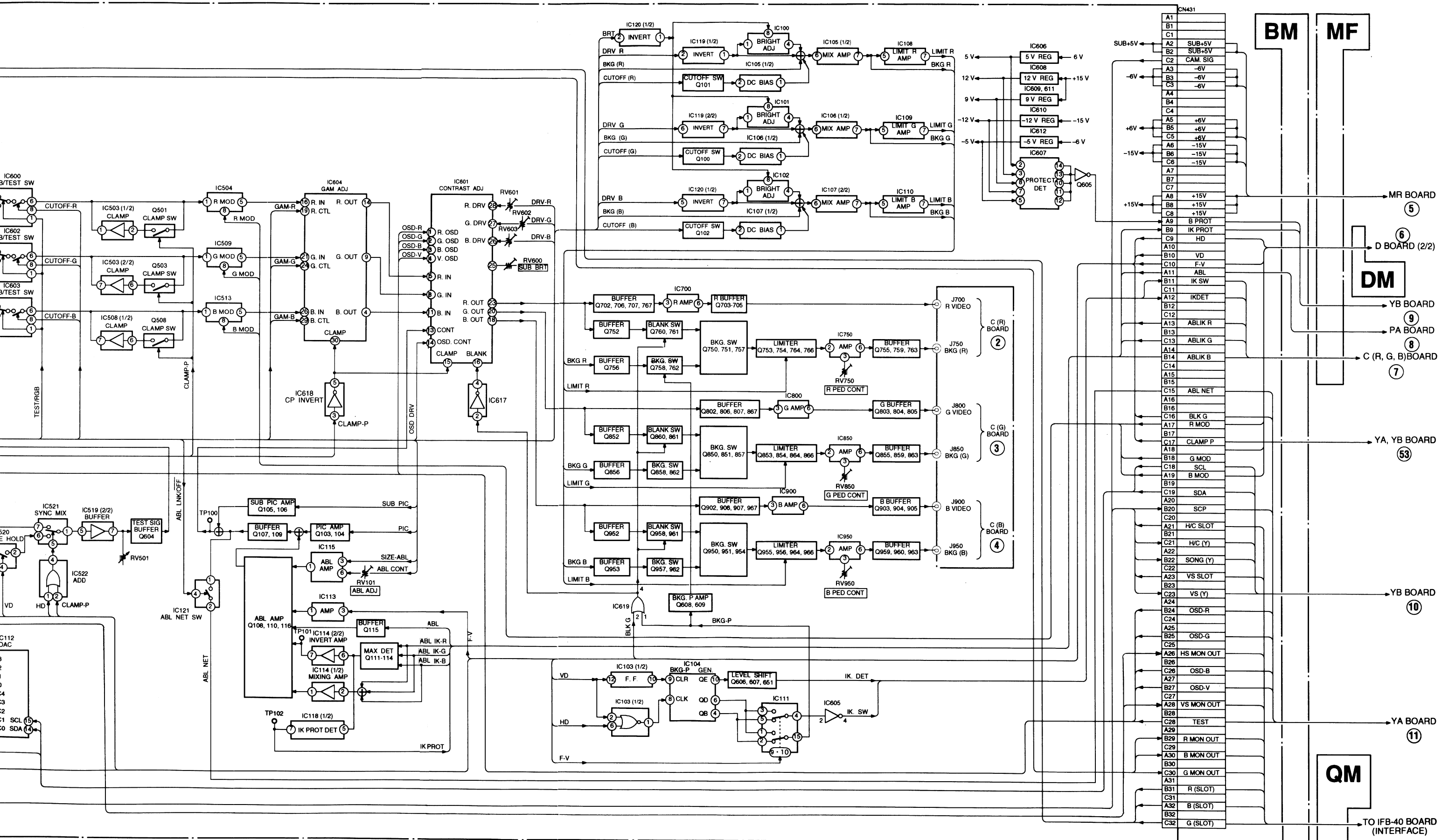
# SECTION 4 DIAGRAMS

## 4-1. BLOCK DIAGRAMS

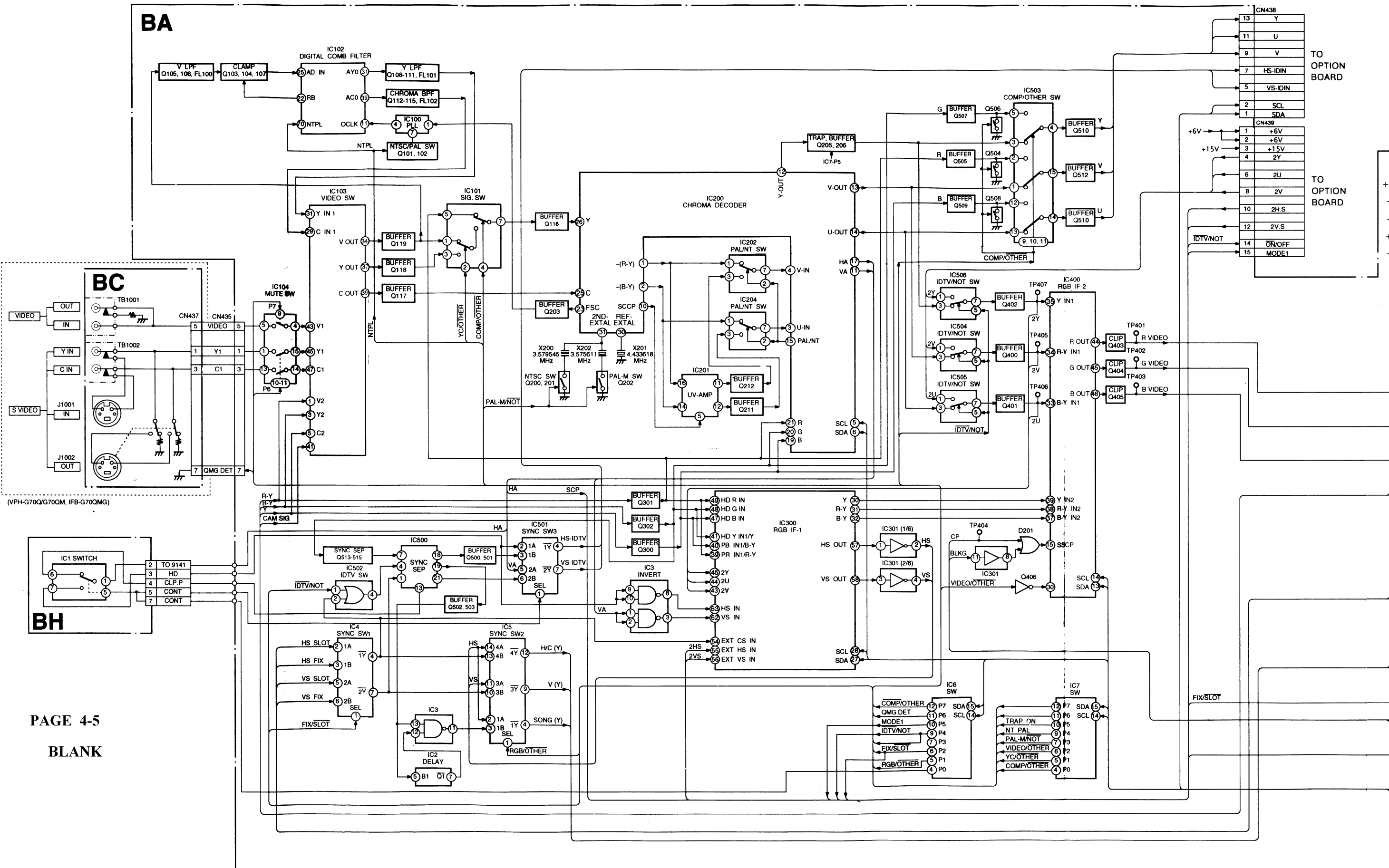
### • B BOARD Block Diagrams

**B**





## • BA, BC and BH BOARD Block Diagrams

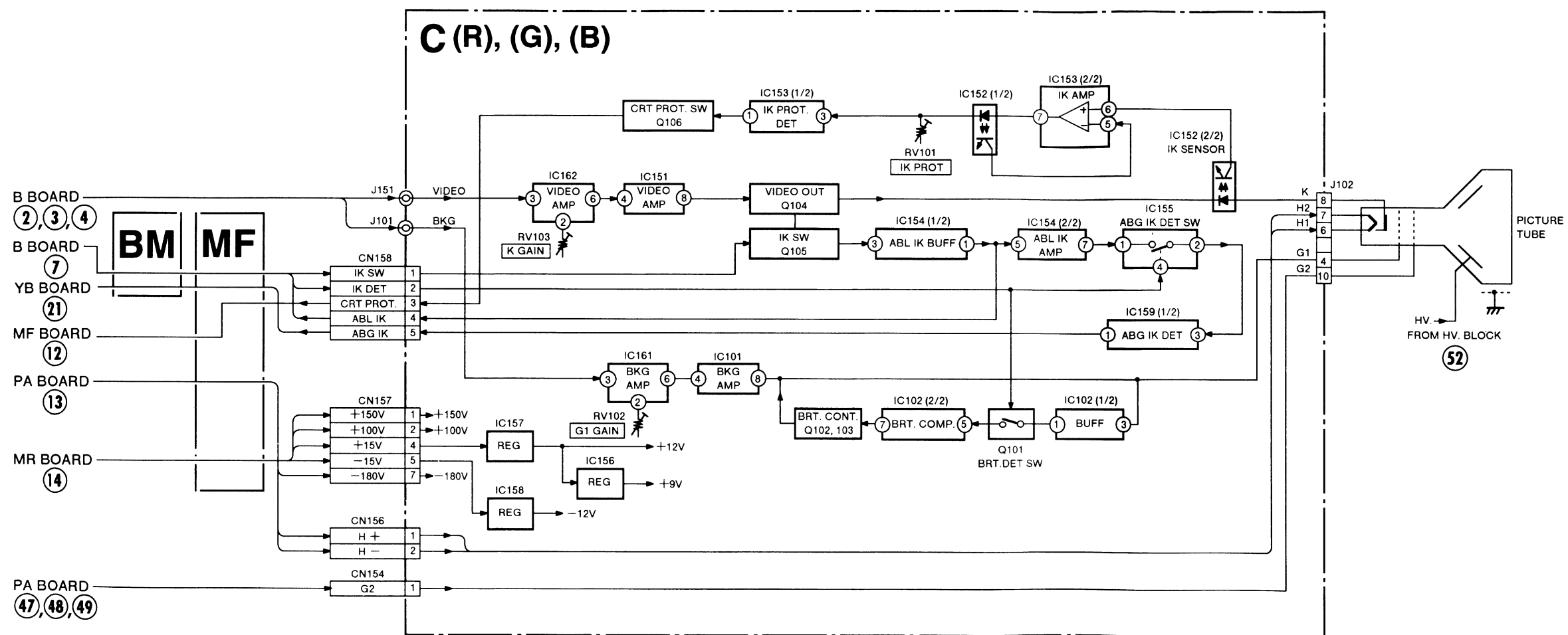
**BA**

PAGE 4-5

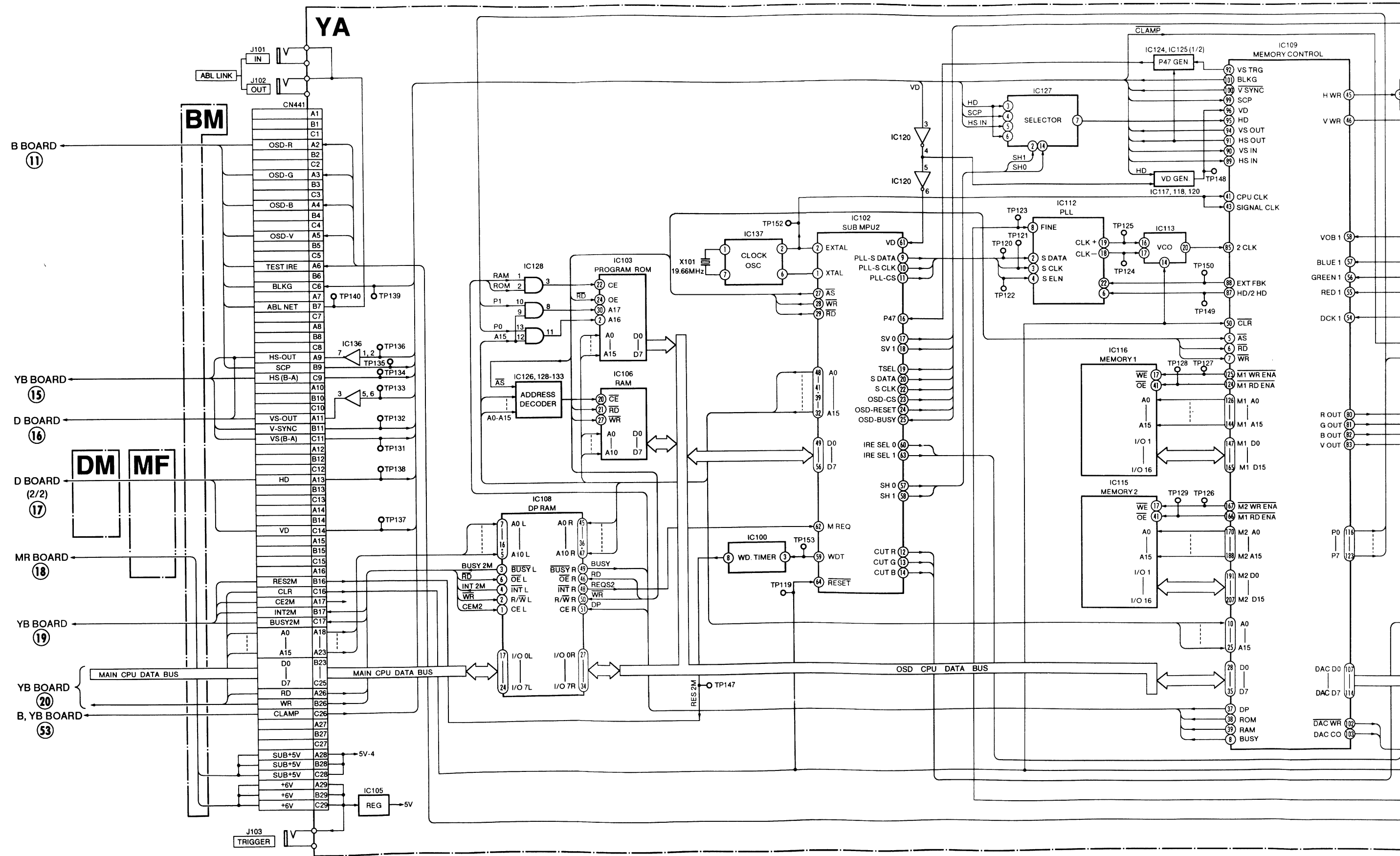
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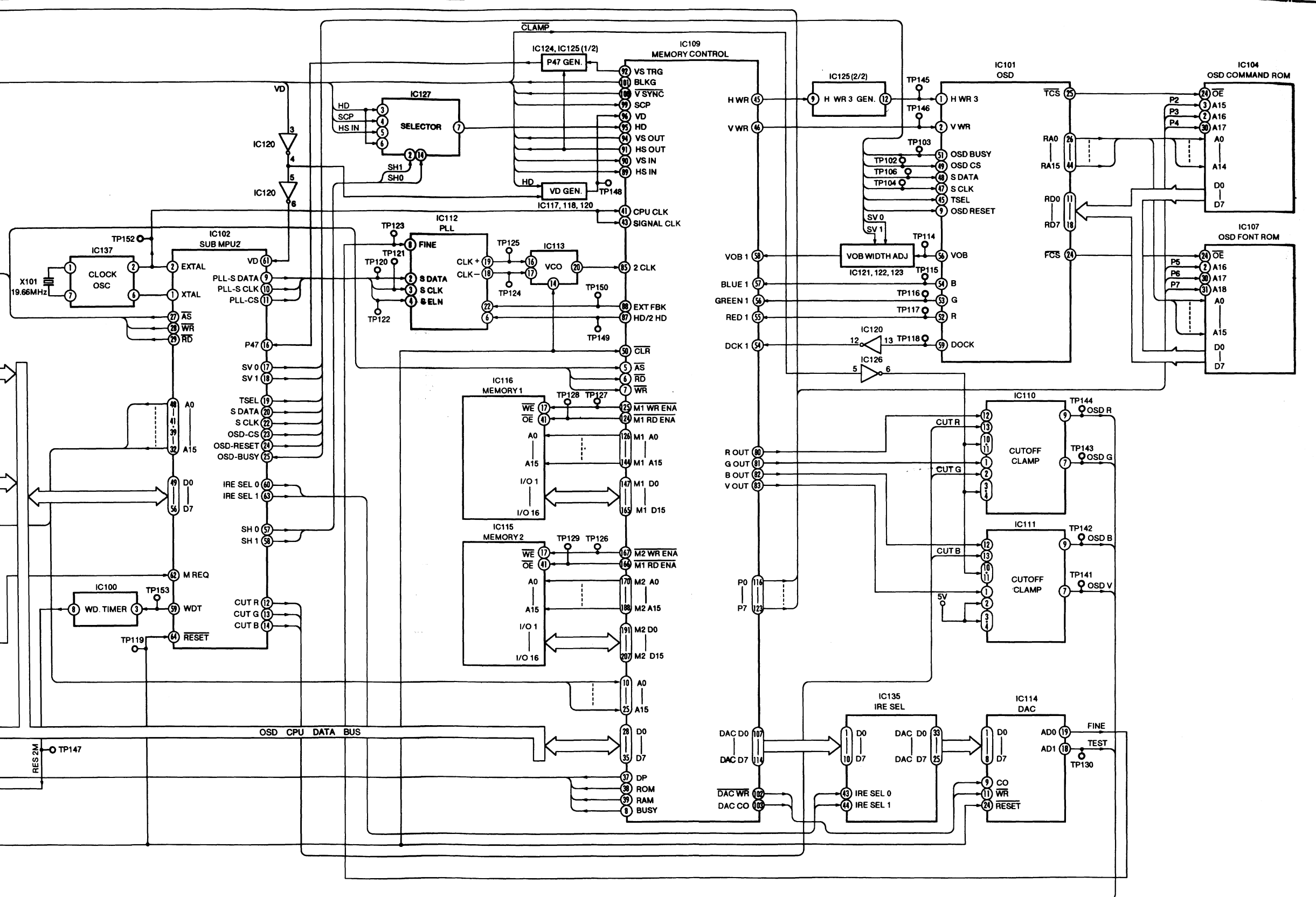


## • C BOARD Block Diagrams

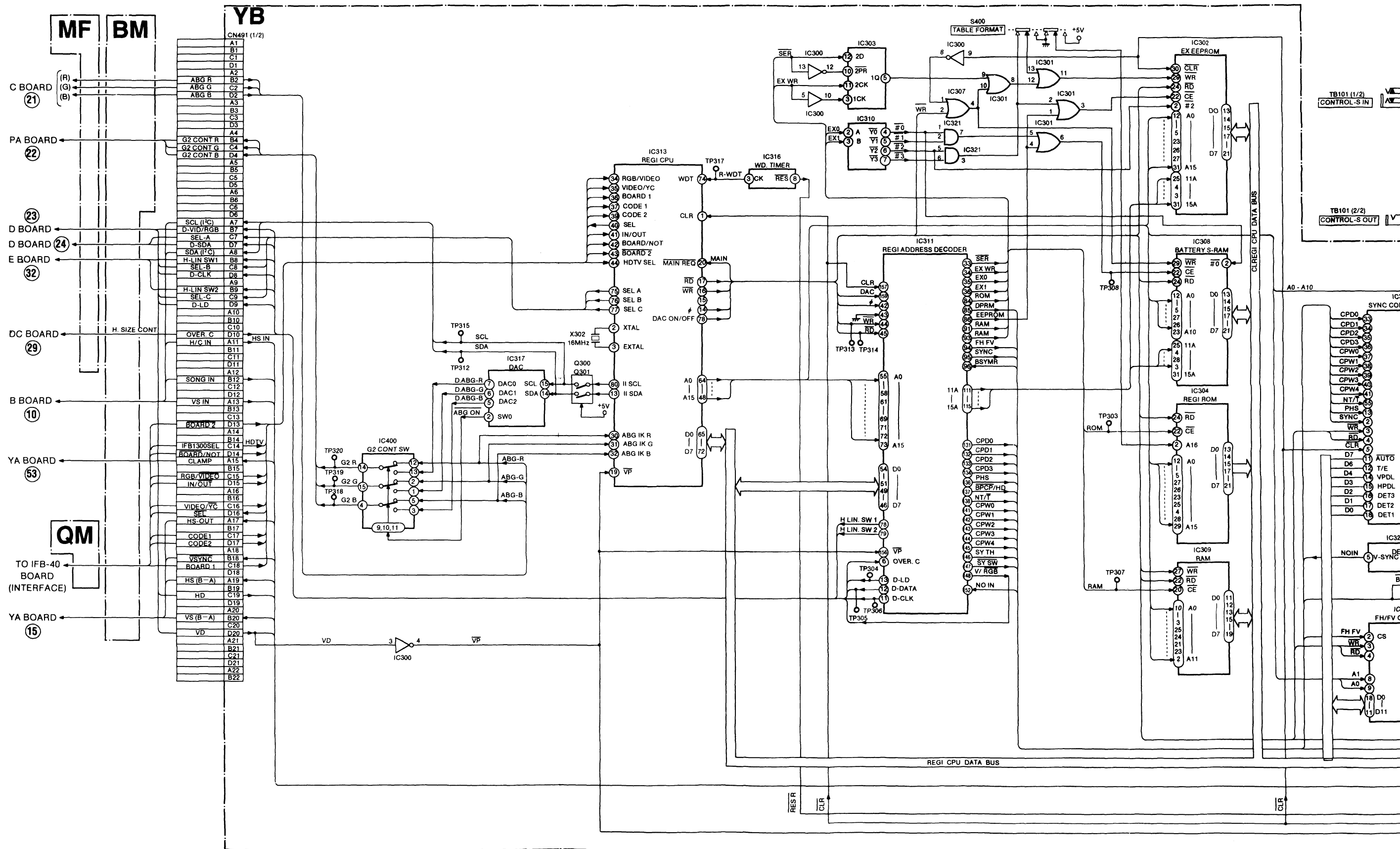


- **YA BOARD Block Diagrams**

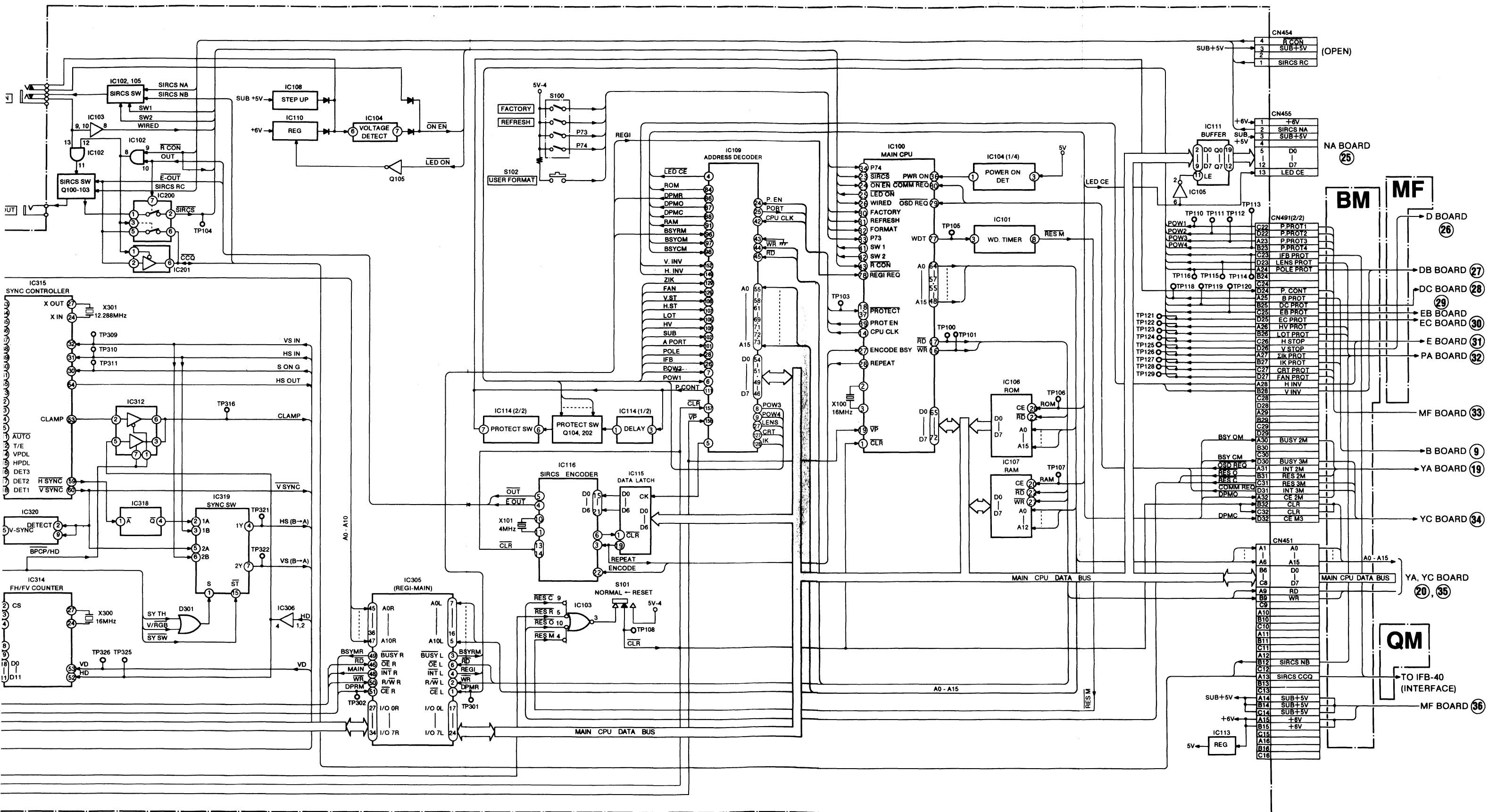




## Block Diagrams



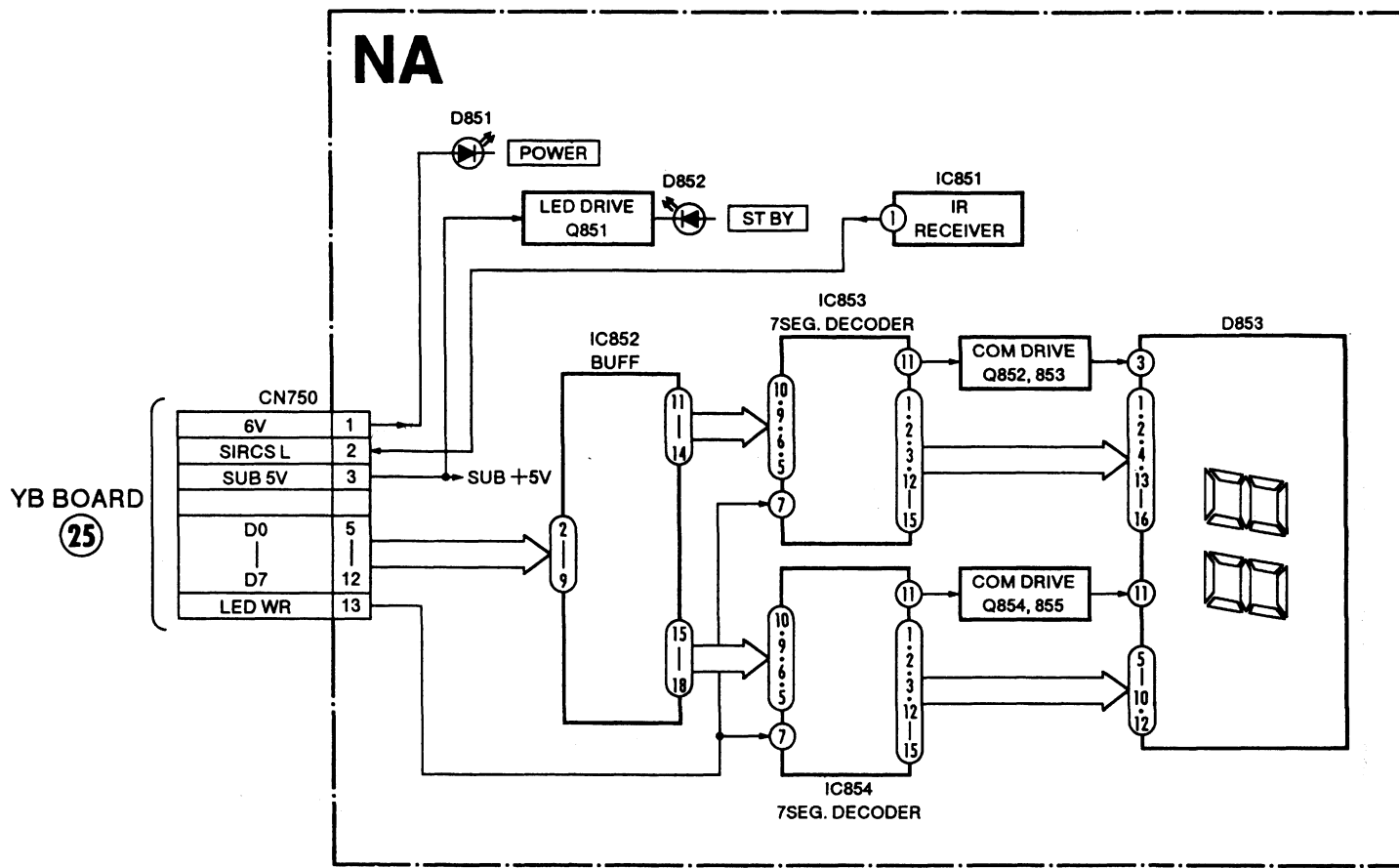




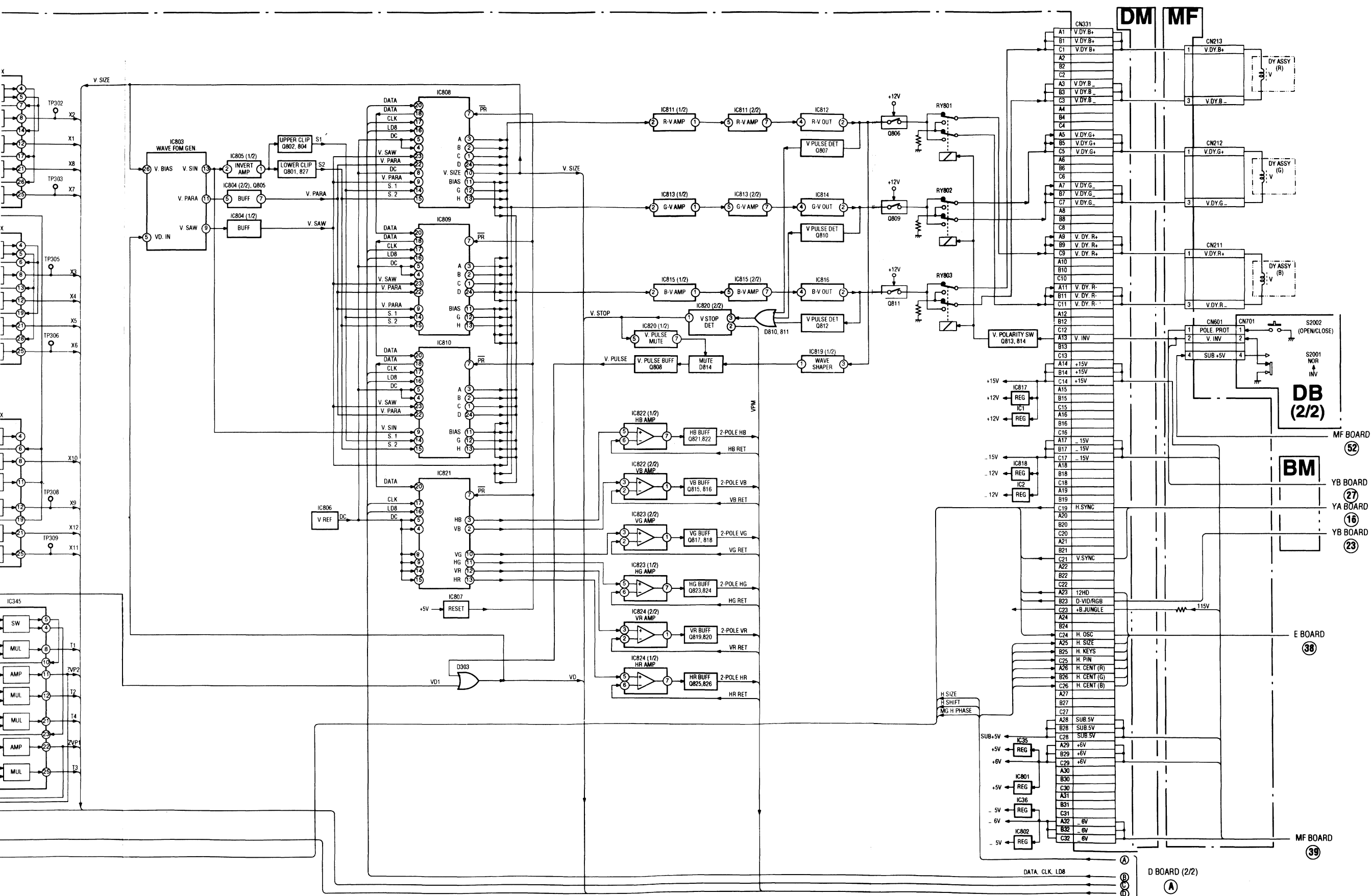
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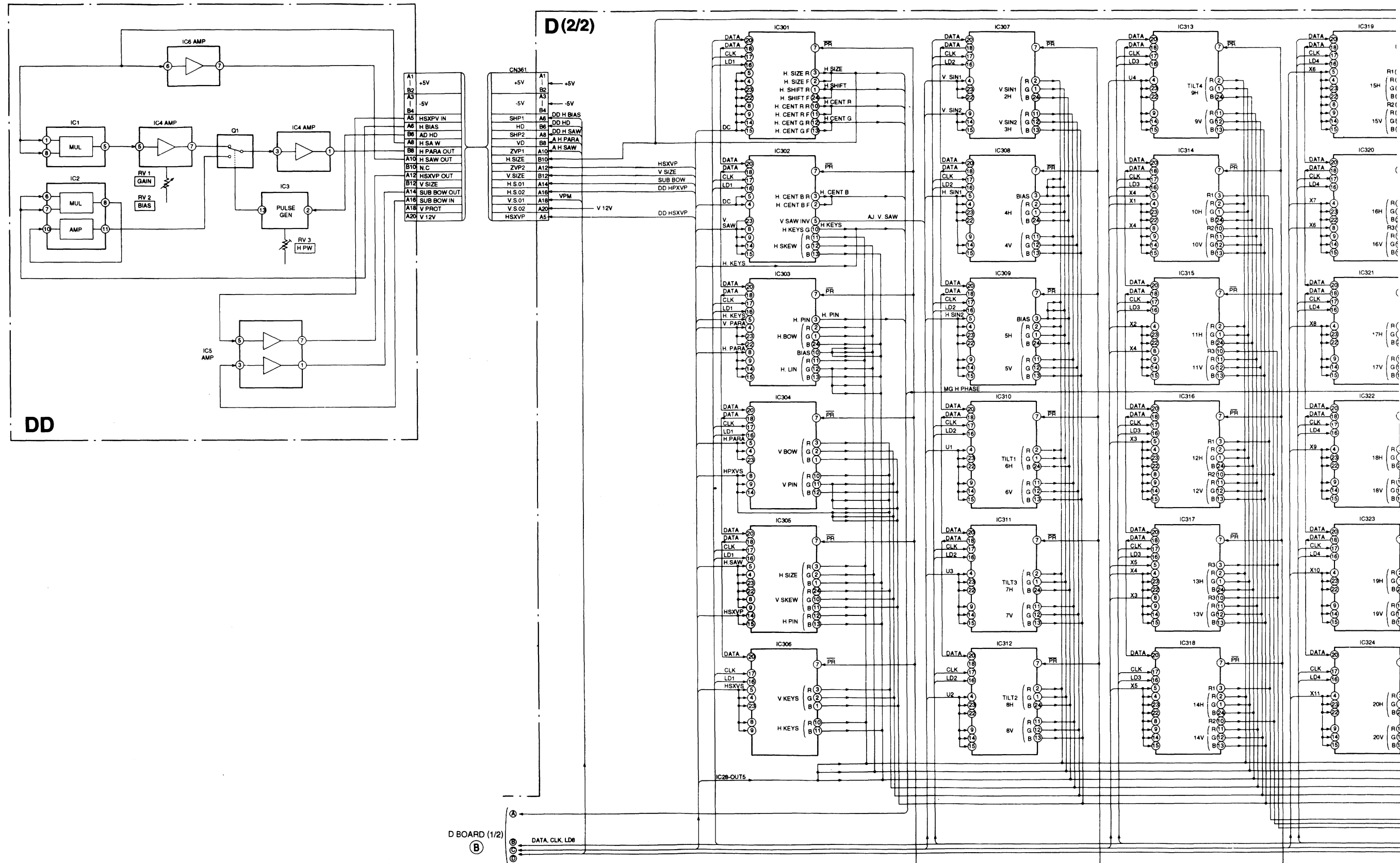
• NA BOARD Block Diagrams

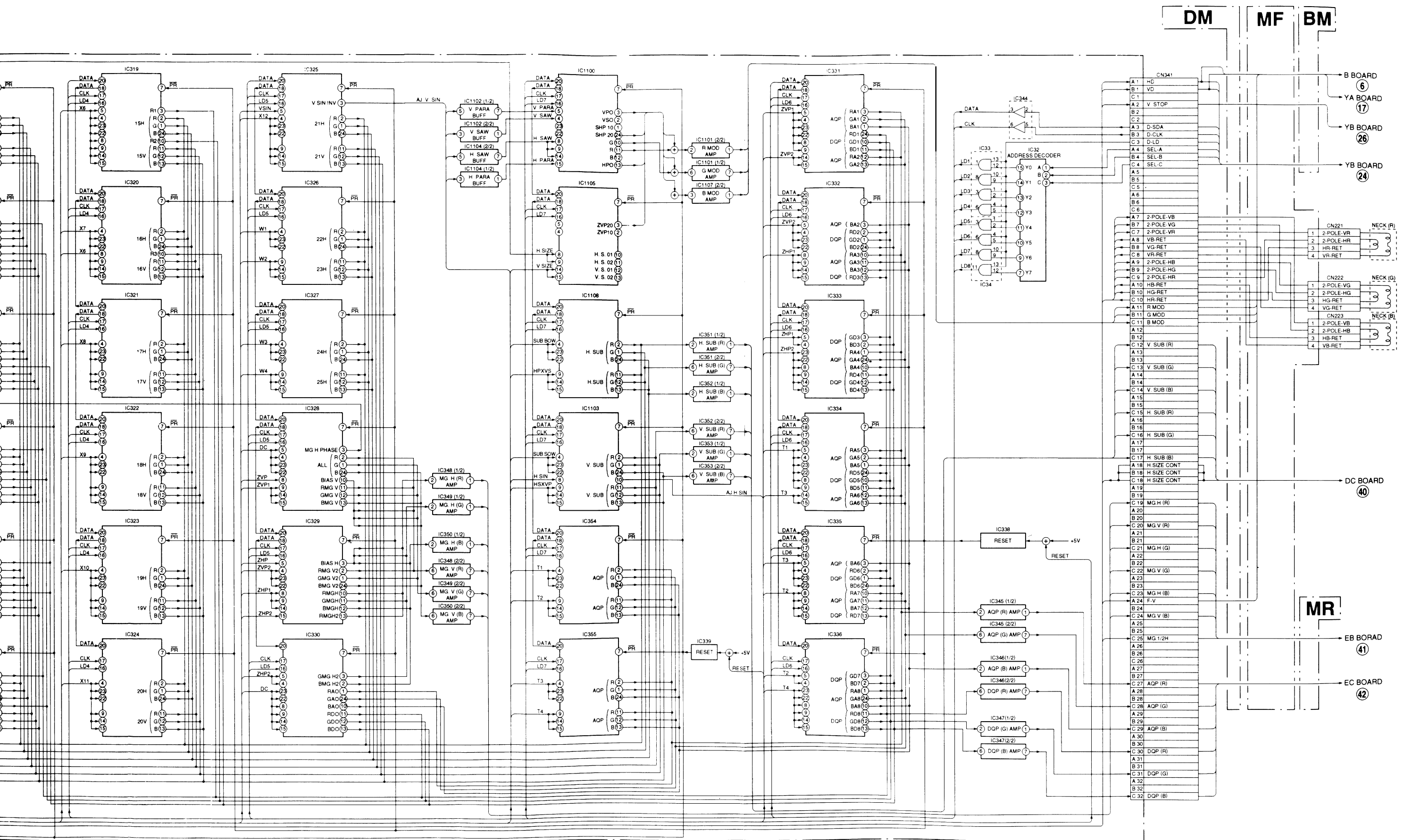


4-2

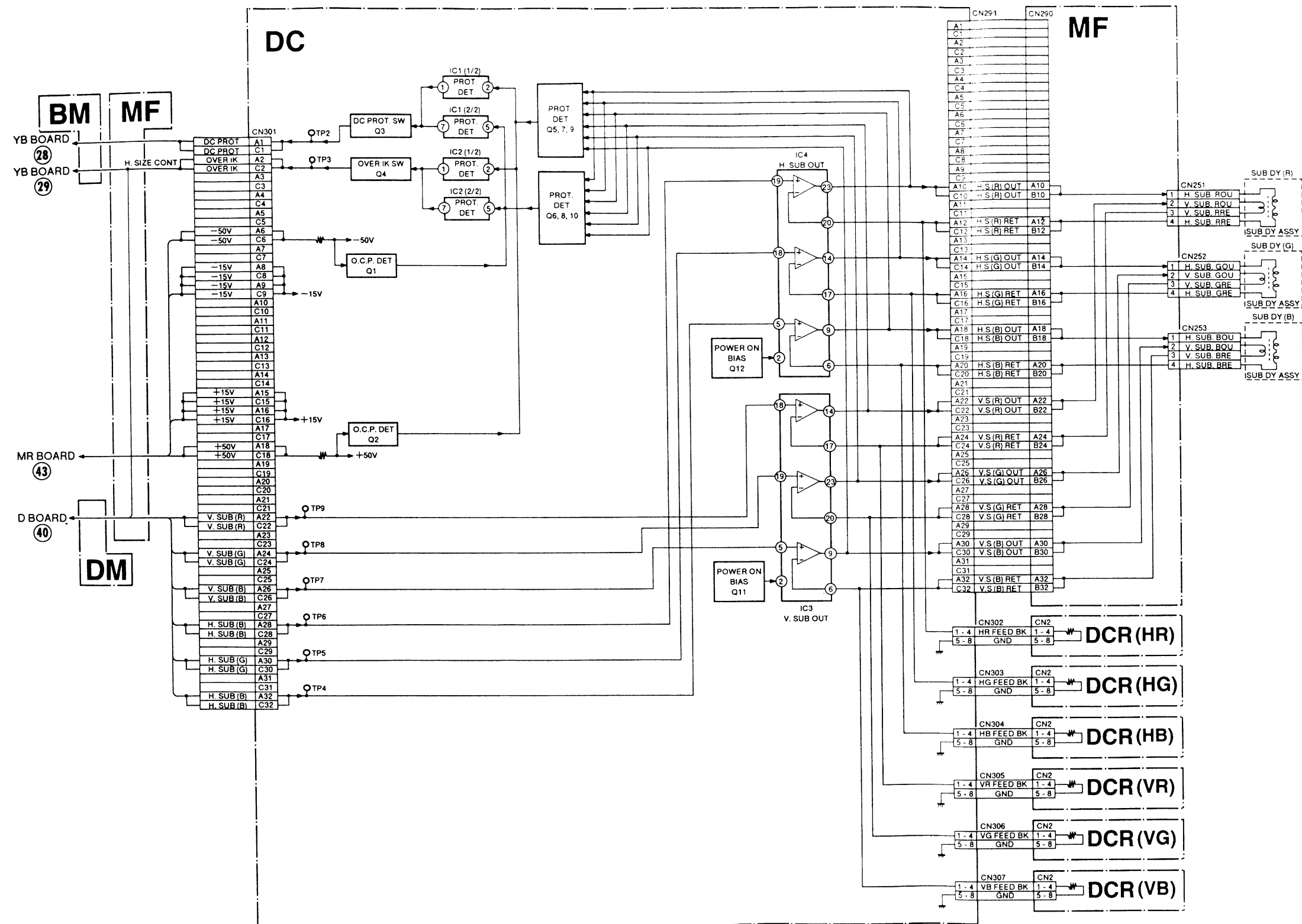


## • D (2/2) and DD BOARD Block Diagrams

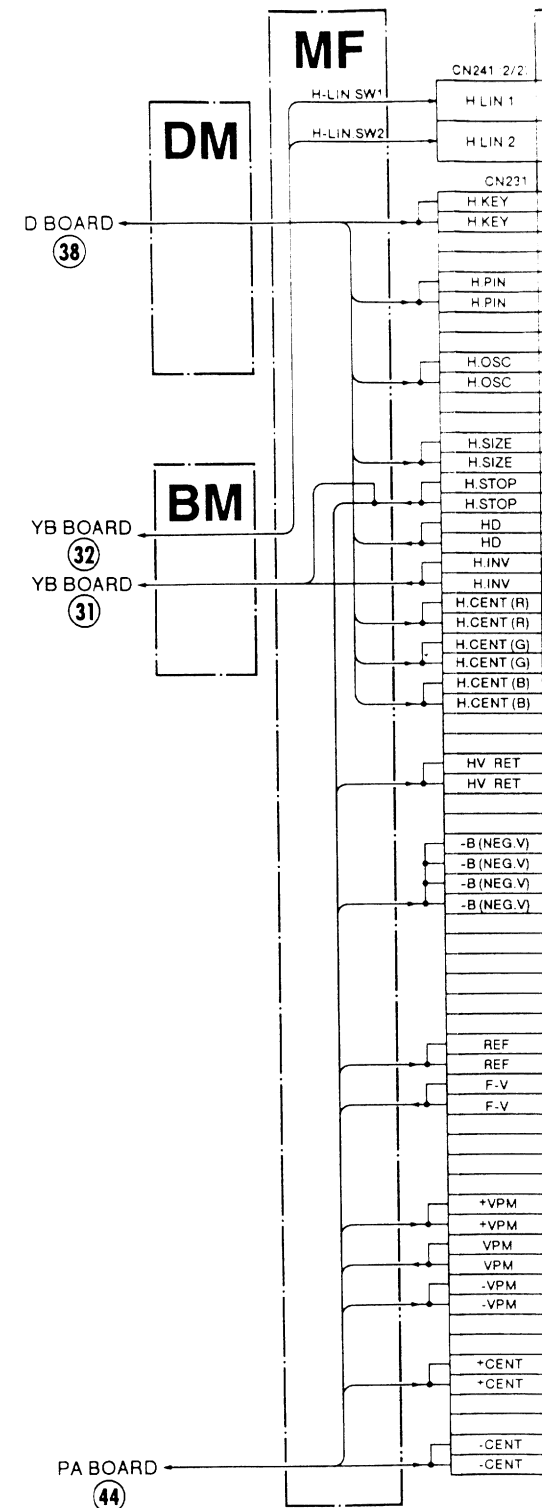




• DC, DCR and MF BOARD Block Diagrams

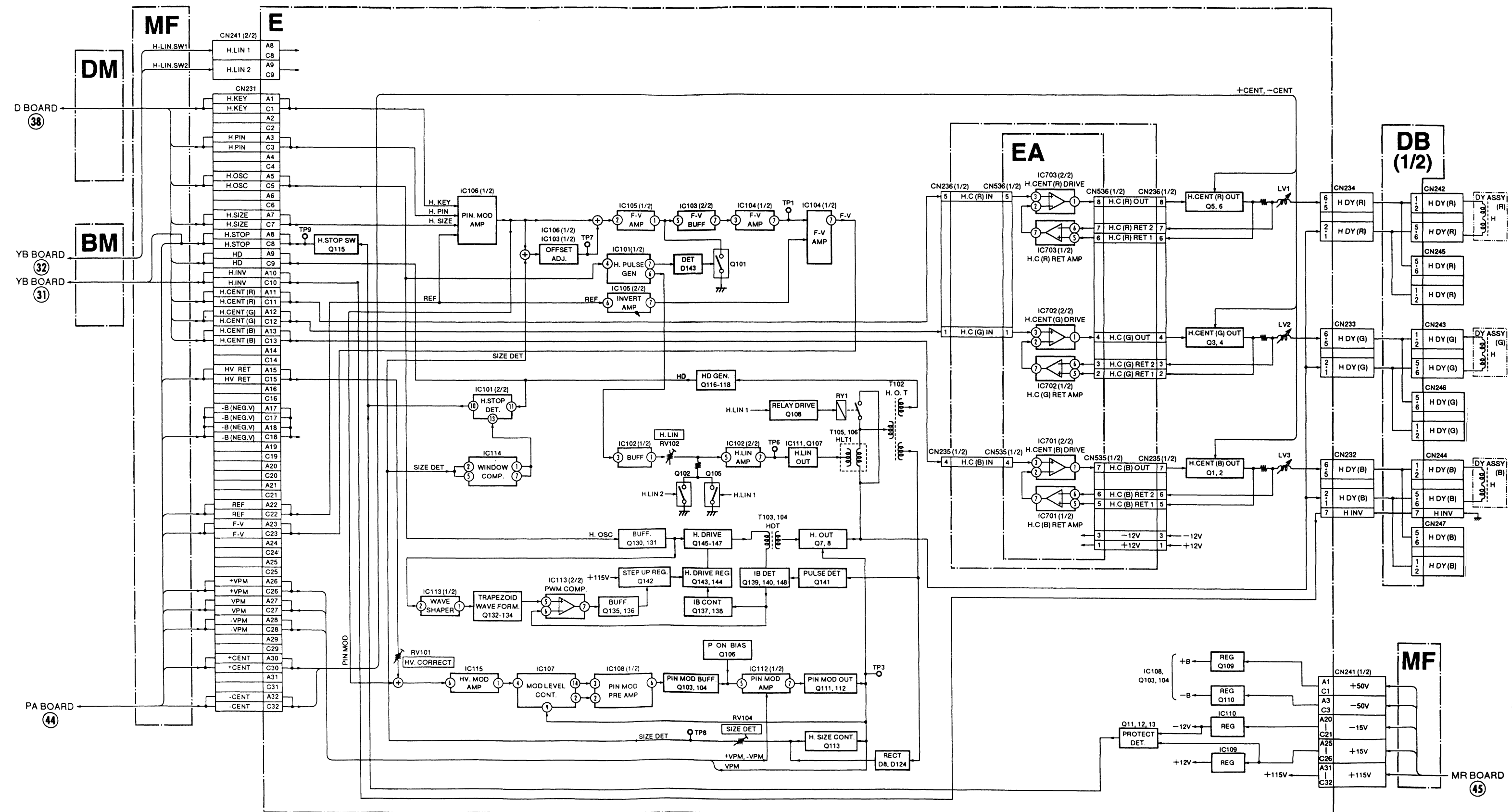


• E, EA and DB BOARD Block Diagrams

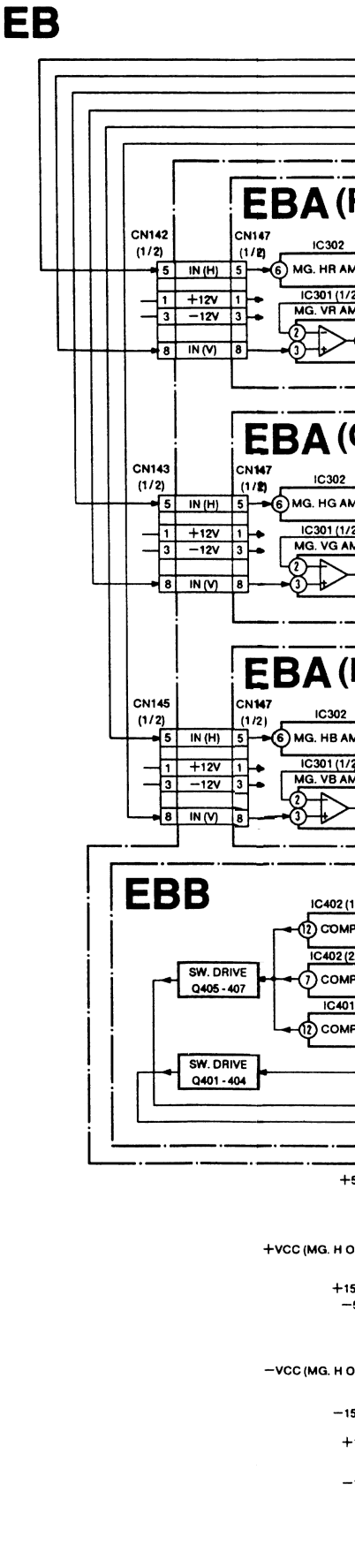
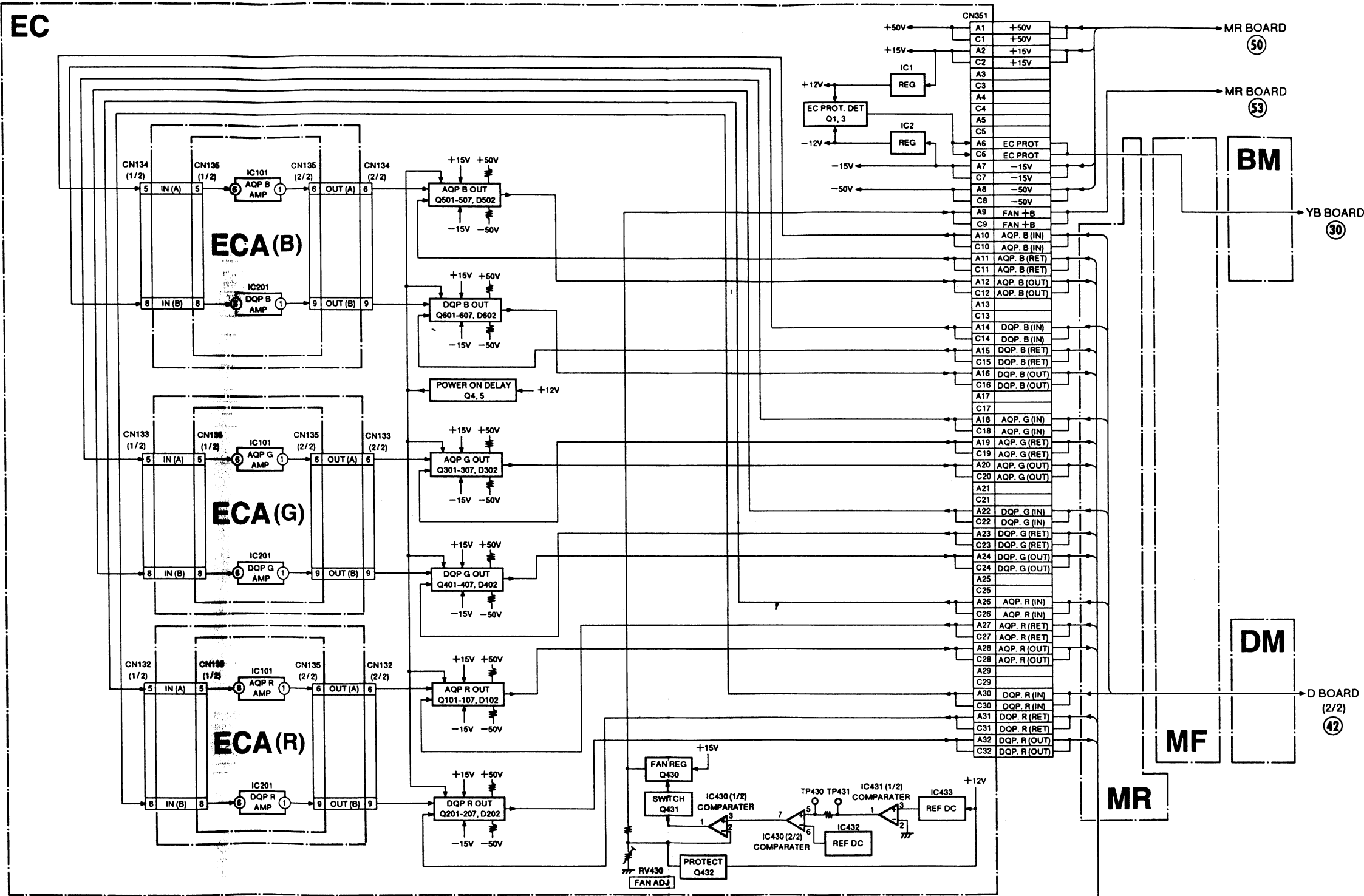


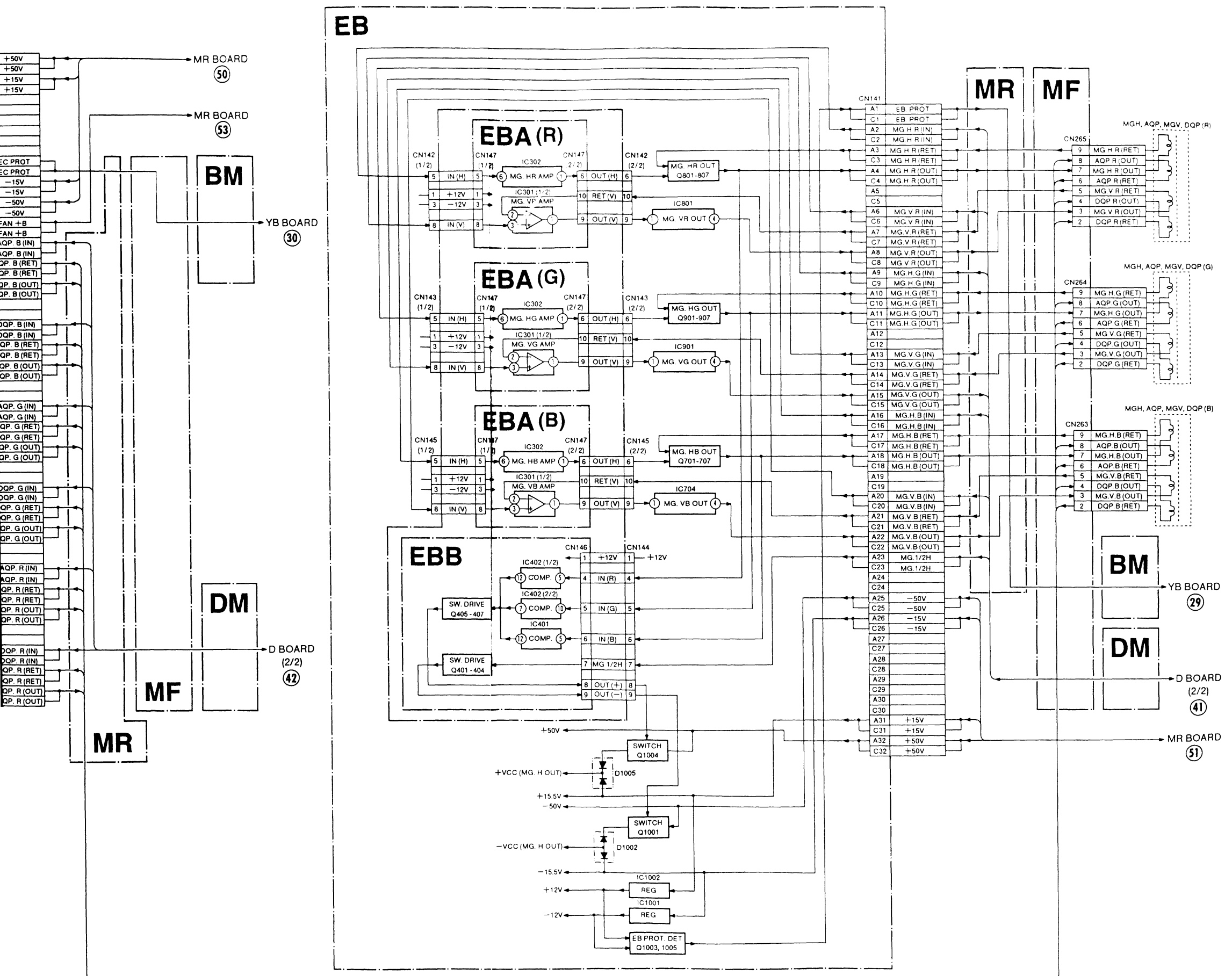


## EA and DB BOARD Block Diagrams

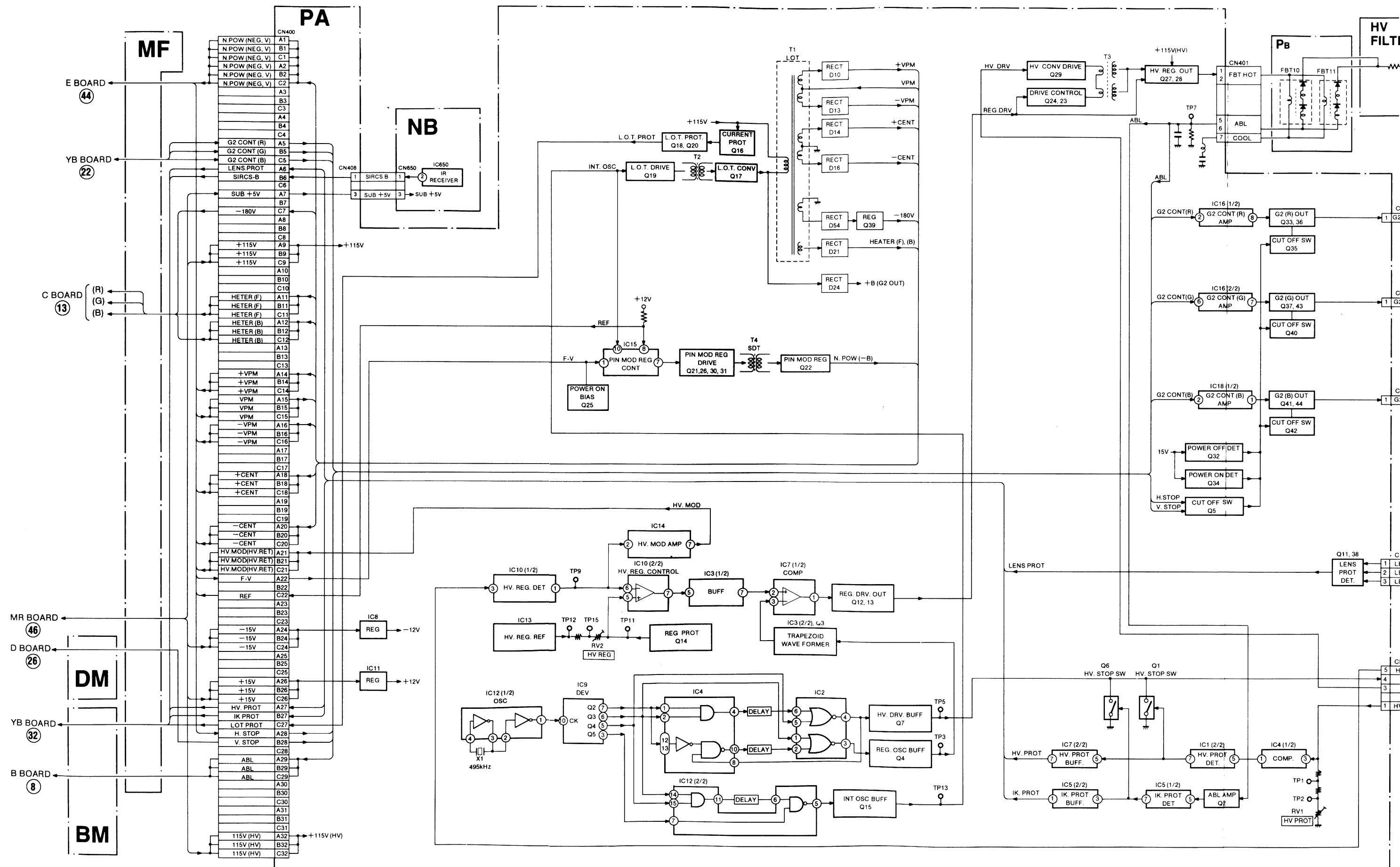


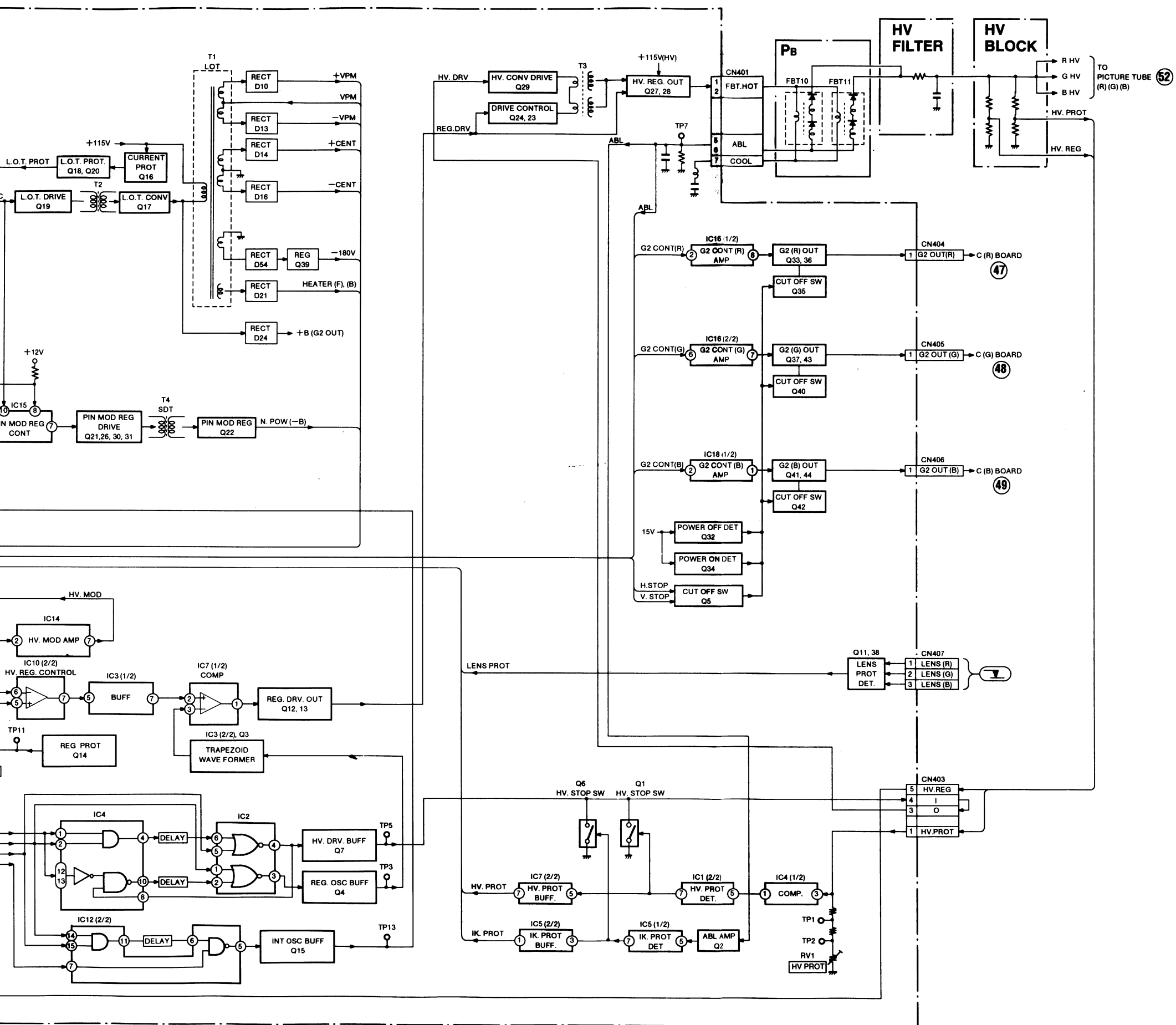
• EC, ECA, EB, EBA and EBB BOARD Block Diagrams



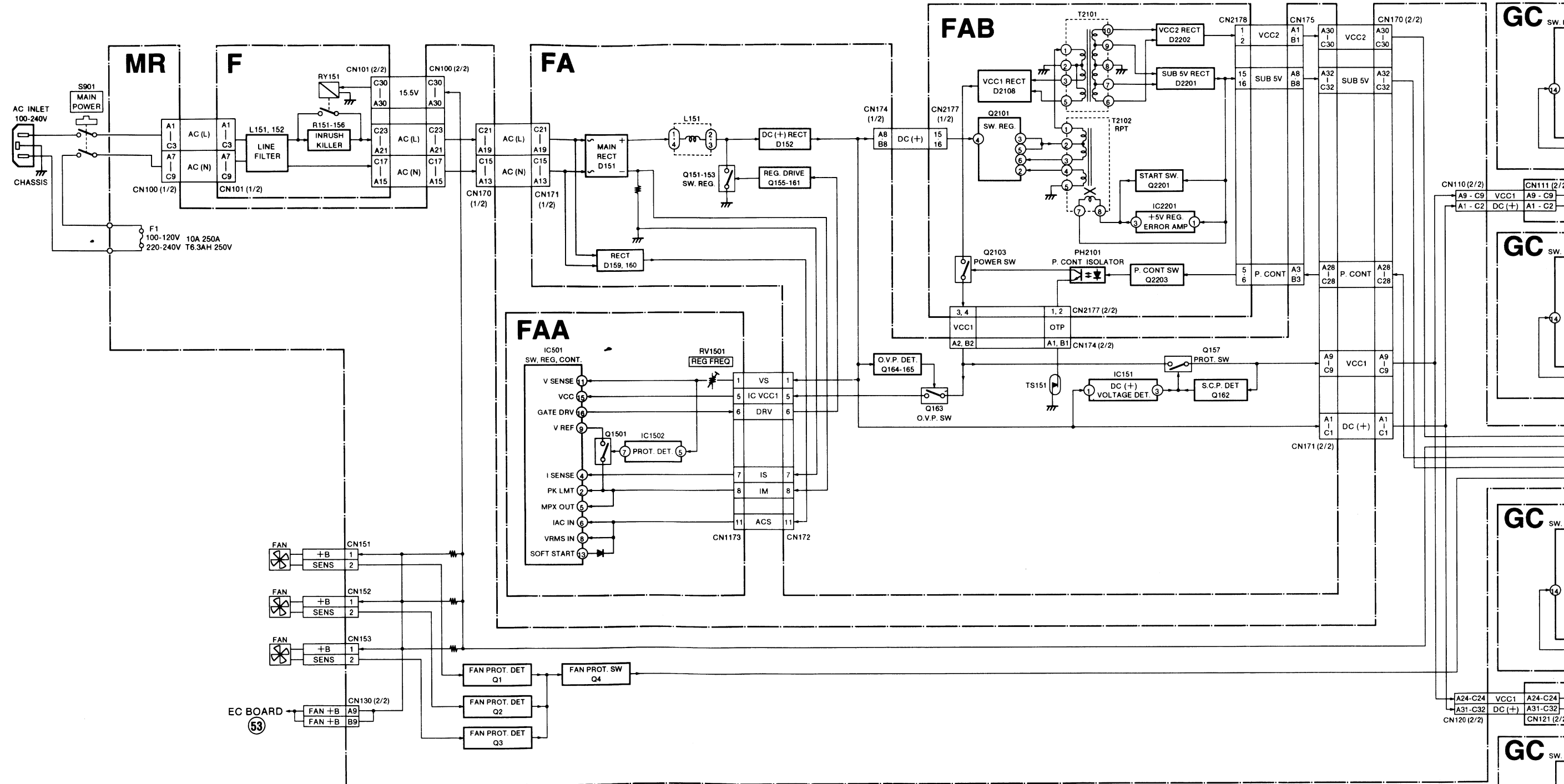


- **PA, PB, NB BOARD and HV Block Diagrams**

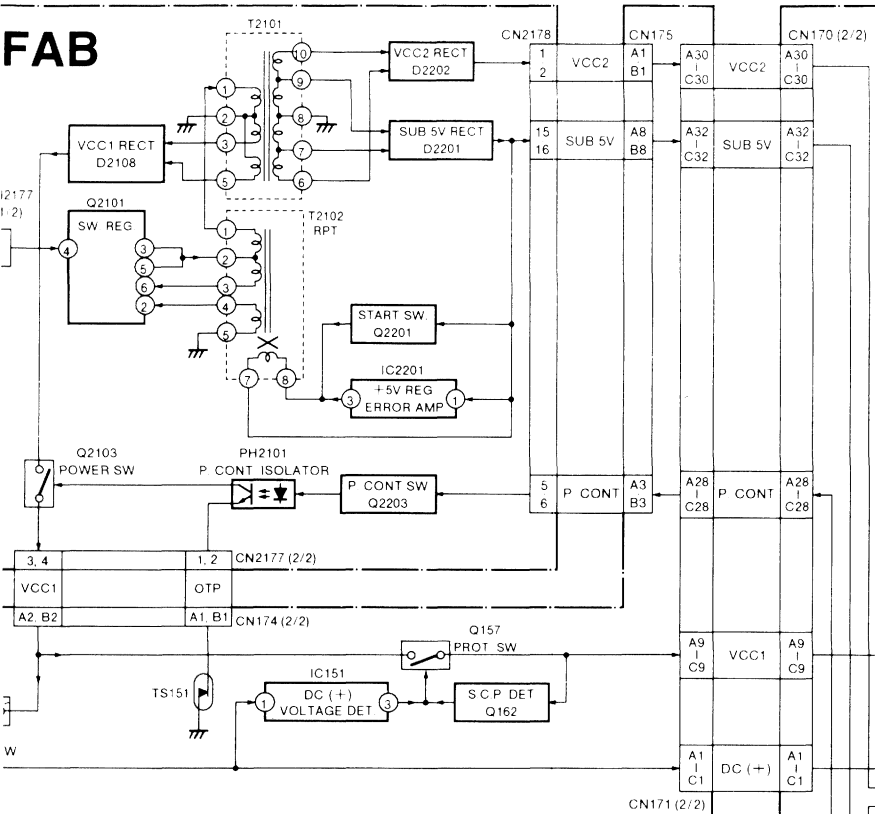




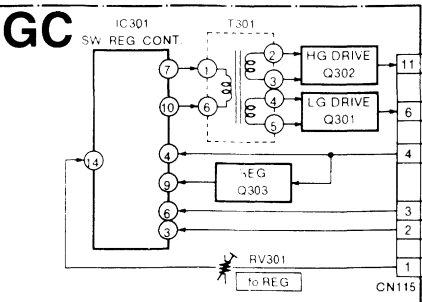
• POWER Block Diagrams



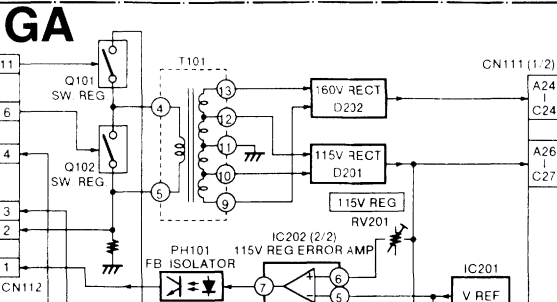
FAB



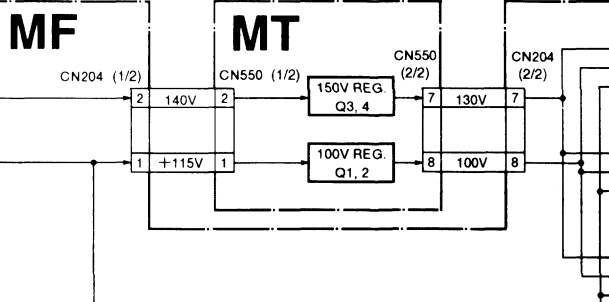
GC



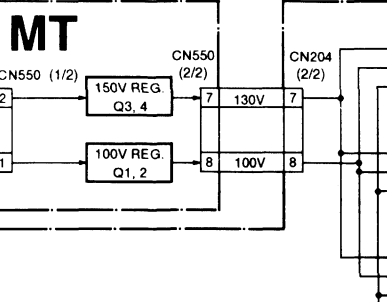
GA



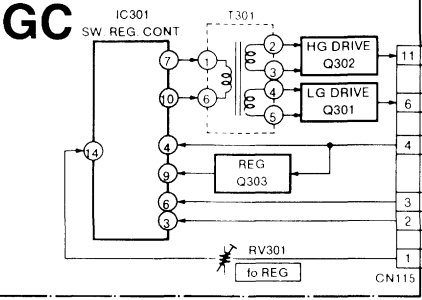
MF



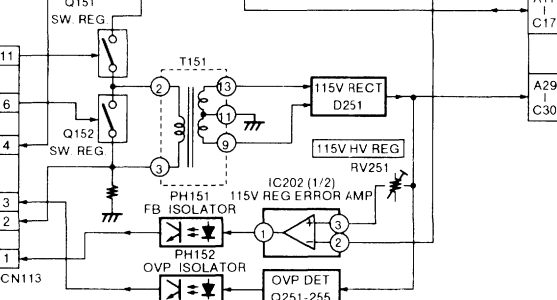
MT



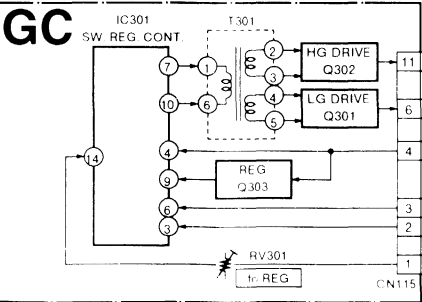
GC



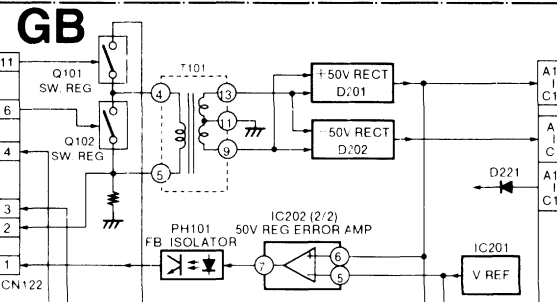
GB



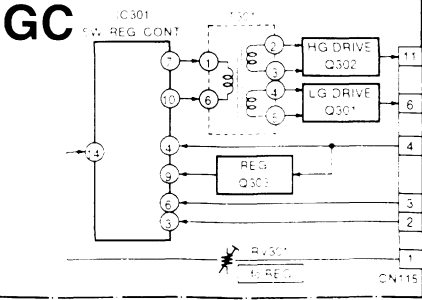
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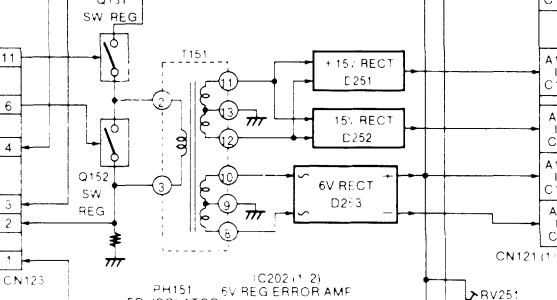
GB



GC



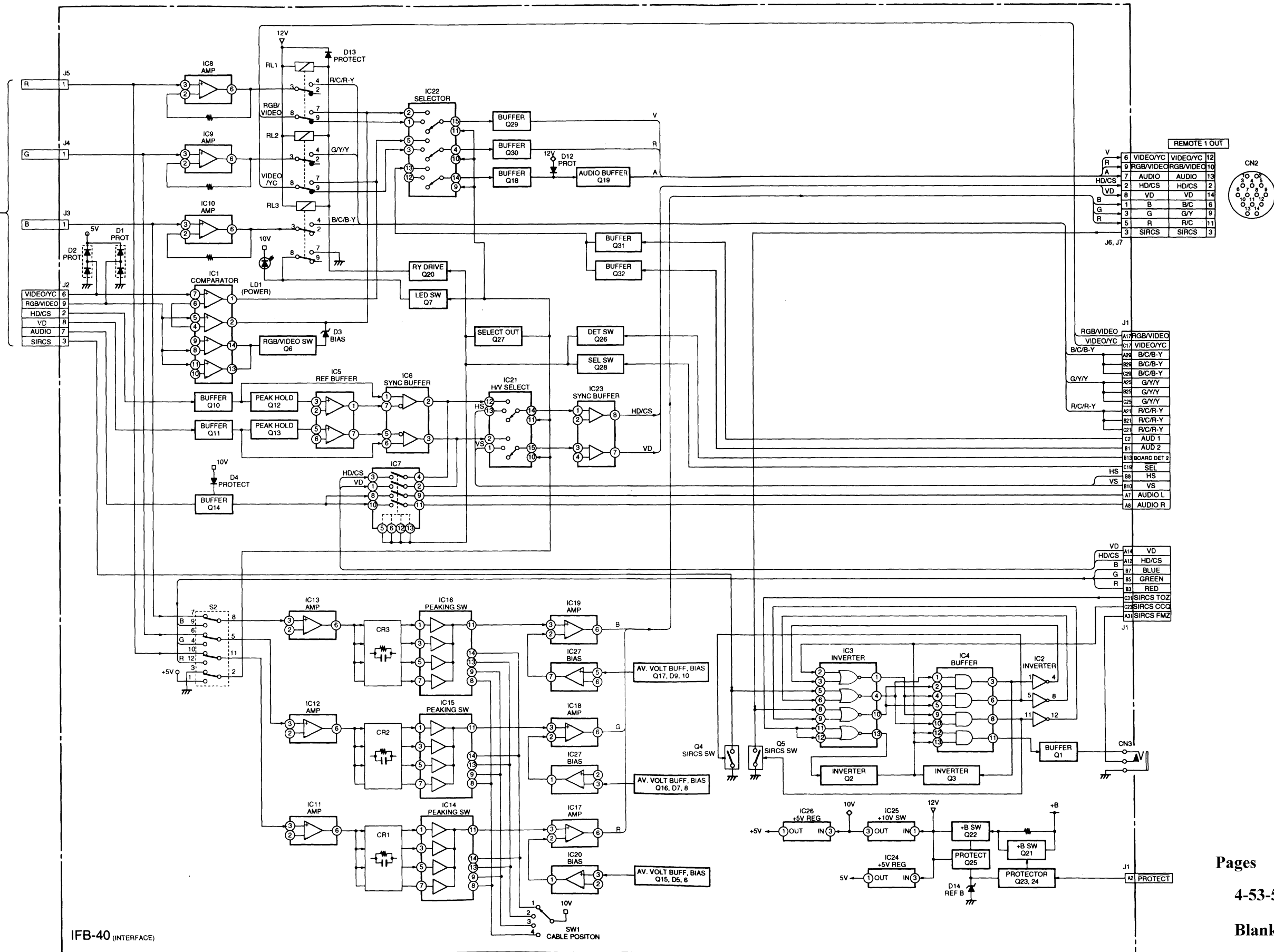
GB





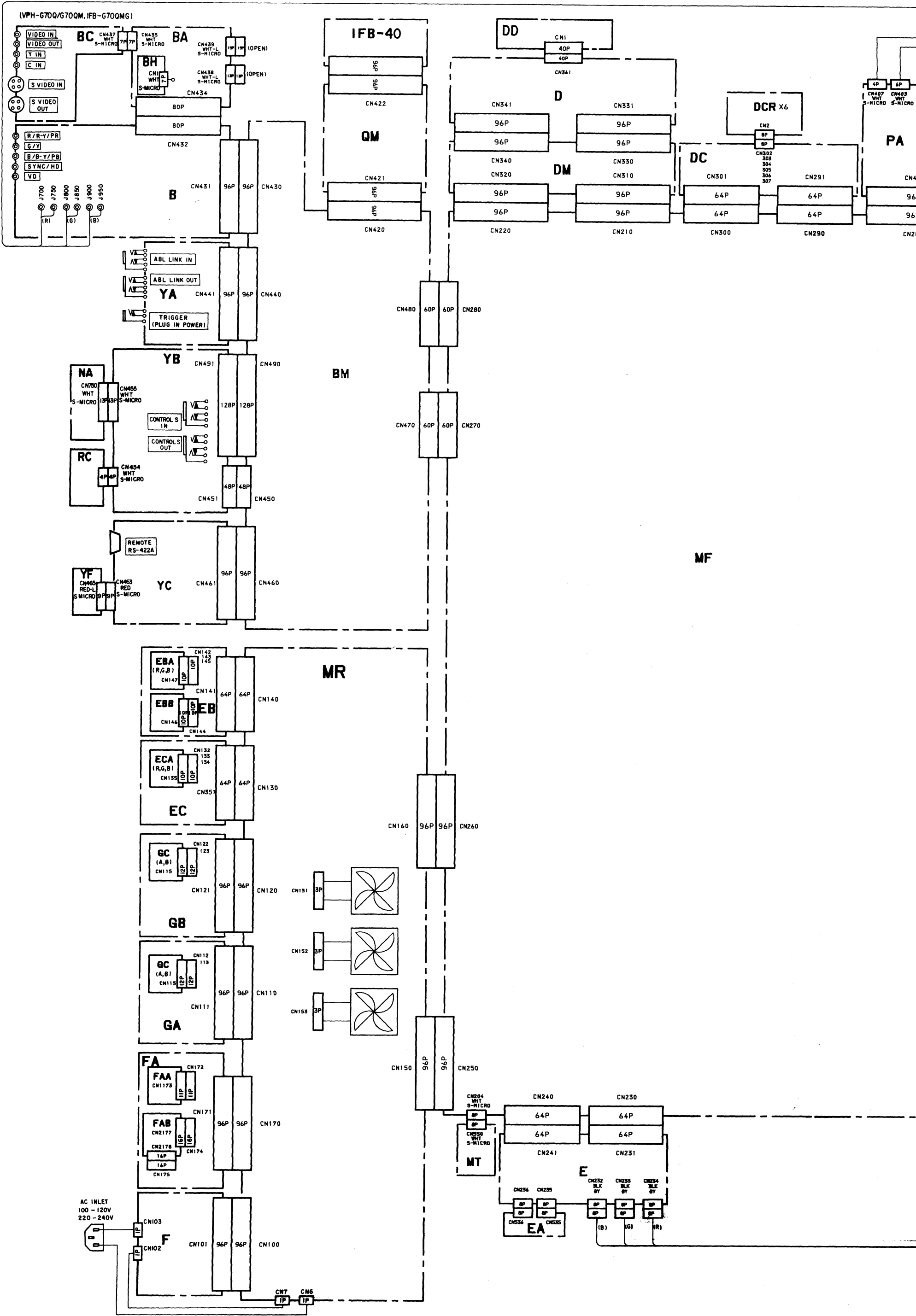


## • IFB-40 Block Diagrams



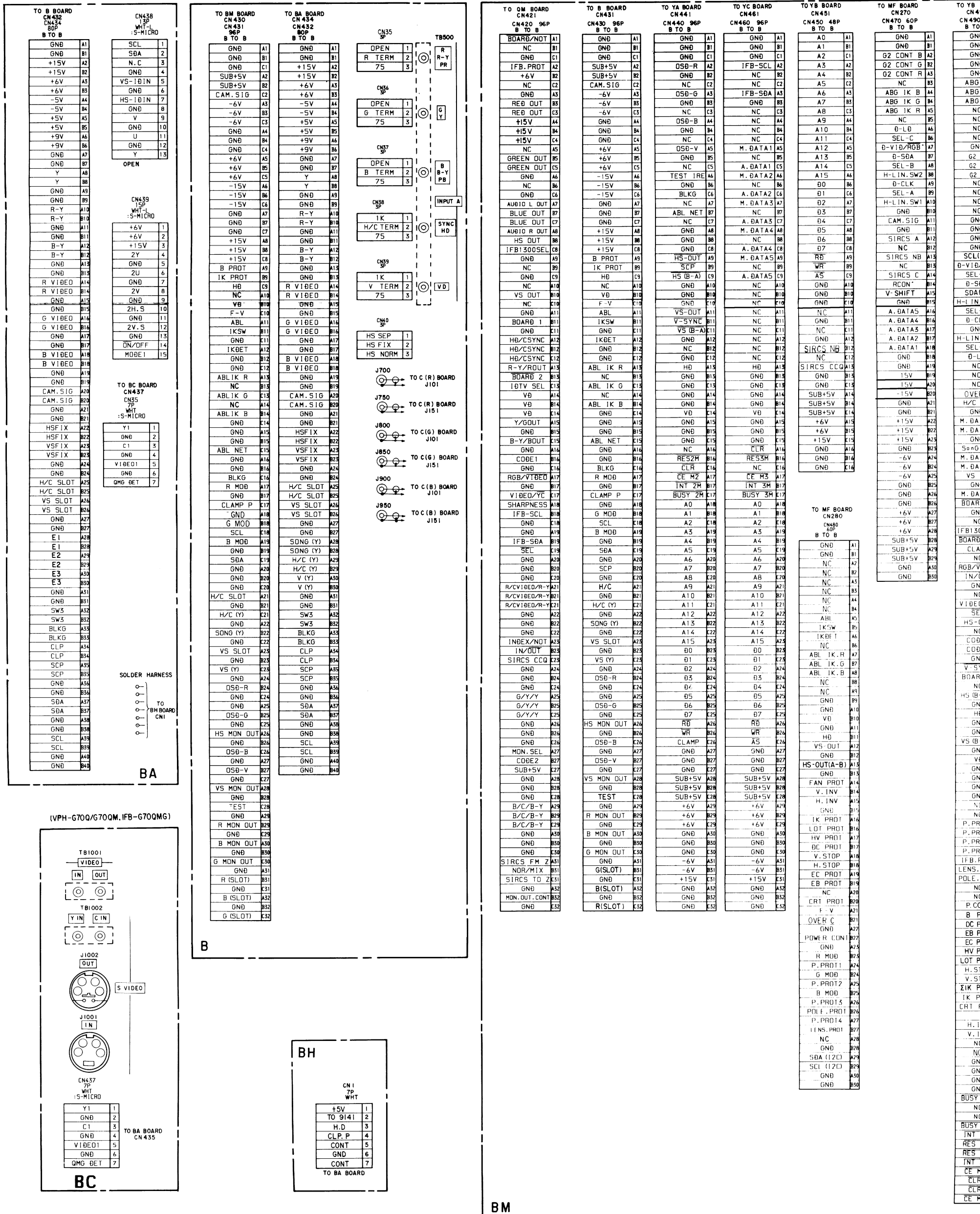
4-2. FRAME SCHEMATIC DIAGRAMS

• FRAME SCHEMATIC DIAGRAM (1)





- **FRAME SCHEMATIC DIAGRAM (2)**



TO DO BOARD CN 1 CN361 40P		TO DM BOARD CN340 CN341 96P B TO B	
+5V	A1	H0	
+5V	B1	V0	
+5V	A2	NC	
+5V	B2	V. STOP	
-5V	A3	NC	
-5V	B3	GN0	
-5V	A4	0-S0A	
-5V	B4	0-CLK	
HSXVP IN	A5	0-L0	
	B5	SEL-A	
H BIAS	A6	SEL-B	
AD HD	B6	SEL-C	
GN0	A7	GN0	
GN0	B7	GN0	
H SAW	A8	GN0	
H PARA OUT	B8	NC	
GN0	A9	NC	
GN0	B9	A0. H0	
H SAW OUT	A10	2-POLE-V0	
	B10	2-POLE-V0	
GN0	A11	2-POLE-V0	
GN0	B11	VB-RET	
HSXVP OUT	A12	VG-RET	
V. SIZE	B12	VR-RET	
GN0	A13	2-POLE-H0	
GN0	B13	2-POLE-H0	
SUB BOW OUT	A14	2-POLE-H0	
	B14	HB-RET	
GN0	A15	H0-RET	
SUB BOW IN	B15	HR-RET	
GN0	A16	R M00	
GN0	B16	G M00	
GN0	A17	B M00	
GN0	B17	GN0	
V PROT	A18	NC	
GN0	B18	V. SUB (R)	
GN0	A19	GN0	
GN0	B19	NC	
12V(V)	A20	V. SUB (G)	
GN0	B20	GN0	
		NC	
		V. SUB (B)	
		GN0	
		NC	
		H. SUB (R)	
		GN0	
		NC	
		H. SUB (G)	
		GN0	
		NC	
		H. SUB (B)	
		H. SIZE CONT	
		H. SIZE CONT	
		H. SIZE CONT	
		GN0	
		NC	
		MG. H (R)	
		GN0	
		NC	
		MG. V (R)	
		GN0	
		NC	
		MG. H (G)	
		GN0	
		NC	
		MG. V (G)	
		GN0	
		NC	
		MG. H (B)	
		F - V	
		NC	
		MG. V (B)	
		GN0	
		NC	
		MG. 1/2H	
		NC	
		NC	
		NC	
		GN0	
		NC	
		AGP (R)	
		GN0	
		NC	
		AGP (G)	
		GN0	
		NC	
		AGP (B)	
		GN0	
		NC	
		0GP (R)	
		GN0	
		NC	
		0GP (G)	
		GN0	
		NC	
		0GP (B)	

CN247 BP	
BLK	
H ØY (B)	
H ØY (B)	
H ØY (B)	
H ØY (B)	
TO DY ASSY (G)	
CN246 BP	
BLK	
H ØY (G)	
H ØY (G)	
H ØY (G)	
H ØY (G)	
TO DY ASSY (R)	
CN245 BP	
BLK	
H ØY (R)	
H ØY (R)	
H ØY (R)	
H ØY (R)	

TO MF BOARD CN270 CN470 60P B TO B	TO YB BOARD CN491 CN490 128P B TO B
GND	A1
GND	B1
G2 CONT B	A2
G2 CONT G	A2
G2 CONT R	A3
NC	B3
ABG 1K B	A4
ABG 1K G	A4
ABG 1K R	A5
NC	B5
0-L0	A6
SEL-C	B6
0-V10/RGB	A7
0-S0A	B7
SEL-B	A8
H-LIN.SW2	B8
0-CLK	A9
SEL-A	B9
H-LIN.SW1	A10
GND	B10
CAM.SIG	A11
GND	B11
SIRCS A	A12
NC	B12
SIRCS NB	A13
NC	B13
SIRCS C	A14
RCON	B14
V-SHIFT	A15
GND	B15
A.DATAS	A16
A.DAT4	B16
A.DAT3	A17
A.DAT2	B17
A.DAT1	A18
GND	B18
-15V	A19
-15V	B19
-15V	A20
-15V	B20
GND	A21
GND	B21
+15V	A22
+15V	B22
+15V	A23
+15V	B23
-6V	A24
-6V	B24
-6V	A25
-6V	B25
GND	A26
GND	B26
+6V	A27
+6V	B27
+6V	A28
SUB+5V	B28
SUB+5V	A29
SUB+5V	B29
GND	A30
GND	B30

TO DM BOARD CN330 CN331 96P B TO B	TO DD BOARD CN1 CN361 40P
V.OY.B+	A1
V.OY.B+	B1
V.OY.B+	C1
NC	A2
NC	B2
NC	C2
V.OY.B-	A3
V.OY.B-	B3
V.OY.B-	C3
NC	A4
NC	B4
NC	C4
V.OY.G+	A5
V.OY.G+	B5
V.OY.G+	C5
NC	A6
NC	B6
NC	C6
V.OY.G-	A7
V.OY.G-	B7
V.OY.G-	C7
NC	A8
NC	B8
NC	C8
V.OY.R+	A9
V.OY.R+	B9
V.OY.R+	C9
NC	A10
NC	B10
NC	C10
V.OY.R-	A11
V.OY.R-	B11
V.OY.R-	C11
NC	A12
NC	B12
NC	C12
V.INV	A13
NC	B13
NC	C13
+15V	A14
+15V	B14
+15V	C14
V.GND	A15
V.GND	B15
V.GND	C15
V.GND	A16
V.GND	B16
V.GND	C16
-15V	A17
-15V	B17
-15V	C17
NC	A18
NC	B18
NC	C18
GND	A19
GND	B19
H.SYNC	C19
GND	A20
GND	B20
GND	C20
GND	A21
GND	B21
V.SYNC	C21
GND	A22
GND	B22
GND	C22
12VHD	A23
0-V10/RGB	B23
+B JUNGLE	C23
NC	A24
NC	B24
H.OSC	C24
H.SIZE	A25
H.KEYS	B25
H.PIN	C25
H.CENT (R)	A26
H.CENT (G)	B26
H.CENT (B)	C26
NC	A27
NC	B27
NC	C27
SUB.SV	A28
SUB.SV	B28
SUB.SV	C28
+6V	A29
+6V	B29
+6V	C29
GND	A30
GND	B30
GND	C30
GND	A31
GND	B31
GND	C31
-6V	A32
-6V	B32
-6V	C32

TO DM BOARD CN340 CN341 96P B TO B	TO MF BOARD CN300 CN301 64P B TO B
H0	A1
V0	B1
NC	C1
V.STOP	A2
NC	B2
NC	C2
0-S0A	A3
0-CLK	B3
0-L0	C3
SEL-A	A4
SEL-B	B4
SEL-C	C4
GND	A5
GND	B5
GND	C5
AD.H0	A6
2-POLE-VB	B6
2-POLE-VG	C6
VB-RET	A7
VR-RET	B7
VR-RET	C7
2-POLE-HB	A8
2-POLE-HG	B8
2-POLE-HR	C8
HB-RET	A9
HG-RET	B9
HR-RET	C9
R.M00	A10
G.M00	B10
B.M00	C10
NC	A11
NC	B11
V.SUB (R)	A12
GND	B12
GND	C12
V.SUB (G)	A13
GND	B13
GND	C13
GND	A14
NC	B14
V.SUB (B)	A15
GND	B15
NC	C15
H.SUB (R)	A16
NC	B16
H.SUB (G)	A17
GND	B17
GND	C17
H.SUB (B)	A18
H.SIZE CONT	B18
H.SIZE CONT	C18
GND	A19
NC	B19
MG.H (R)	C19
GND	A20
NC	B20
MG.V (R)	C20
GND	A21
NC	B21
MG.H (G)	C21
GND	A22
NC	B22
MG.V (G)	C22
GND	A23
NC	B23
MG.H (B)	C23
F-V	A24
NC	B24
MG.V (B)	C24
GND	A25
NC	B25
MG.1/2H	C25
NC	A26
NC	B26
NC	C26
GND	A27
NC	B27
AQP (R)	C27
GND	A28
NC	B28
AQP (G)	C28
GND	A29
NC	B29
AQP (B)	C29
GND	A30
NC	B30
DQP (R)	C30
GND	A31
NC	B31
DQP (G)	C31
GND	A32
NC	B32
DQP (B)	C32

TO MF BOARD CN298 CN291 64P B TO B	TO MF BOARD CN298 CN291 64P B TO B
DC PROT	A1
COMPE OVER	C1
COMPE OVER	C2
AD.H0	A3
AD.H0	C3
GND	A4
GND	C4
0-S0A	A5
0-SCK	B5
0-L0	C5
SEL-A	A6
SEL-B	B6
SEL-C	C6
GND	A7
GND	B7
GND	C7
-50V	A8
-50V	B8
-15V	C8
-15V	A9
-15V	B9
GND	A10
GND	B10
GND	C10
GND	A11
GND	B11
GND	C11
GND	A12
GND	B12
GND	C12
GND	A13
GND	B13
GND	C13
GND	A14
GND	B14
GND	C14
GND	A15
GND	B15
GND	C15
GND	A16
GND	B16
GND	C16
GND	A17
GND	B17
GND	C17
GND	A18
GND	B18
GND	C18
GND	A19
GND	B19
GND	C19
GND	A20
GND	B20
GND	C20
GND	A21
GND	B21
GND	C21
GND	A22
GND	B22
GND	C22
GND	A23
GND	B23
GND	C23
GND	A24
GND	B24
GND	C24
GND	A25
GND	B25
GND	C25
GND	A26
GND	B26
GND	C26
GND	A27
GND	B27
GND	C27
GND	A28
GND	B28
GND	C28
GND	A29
GND	B29
GND	C29
GND	A30
GND	B30
GND	C30
GND	A31
GND	B31
GND	C31
GND	A32
GND	B32
GND	C32

TO D BOARD CN341 CN340 96P B TO B	TO MF BOARD CN220 CN320 96P B TO B
H0	A1
V0	B1
NC	C1
V.STOP	A2
H.INV	B2
GND	C2
0-S0A	A3
0-SCK	B3
0-L0	C3
SEL-A	A4
SEL-B	B4
SEL-C	C4
GND	A5
GND	B5
GND	C5
NC	A6
NC	B6
NC	C6
AD.H0	A7
2-POLE-VB	B7
2-POLE-VG	C7
2-POLE-VR	A8
VB-RET	B8
VR-RET	C8
VR-RET	A9
2-POLE-HB	B9
2-POLE-HG	C9
2-POLE-HR	A10
HB-RET	B10
HG-RET	C10
HR-RET	A11
R.M00	B11
G.M00	C11
B.M00	A12
GND	B12
NC	C12
V.SUB (R)	A13
GND	B13
NC	C13
V.SUB (G)	A14
GND	B14
GND	C14
GND	A15
NC	B15
H.SUB (R)	C15
GND	A16
NC	B16
H.SUB (G)	A17
GND	B17
GND	C17
H.SUB (B)	A18
H.SIZE CONT	B18
H.SIZE CONT	C18
GND	A19
NC	B19
MG.H (R)	C19
GND	A20
NC	B20
MG.V (R)	C20
GND	A21
NC	B21
MG.H (G)	C21
GND	A22
NC	B22
MG.V (G)	C22
GND	A23
NC	B23
MG.H (B)	C23
F-V	A24
NC	B24
MG.V (B)	C24
GND	A25
NC	B25
MG.1/2H	C25
NC	A26
NC	B26
NC	C26
GND	A27
NC	B27
AQP (R)	C27
GND	A28
NC	B28
AQP (G)	C28
GND	A29
NC	B29
AQP (B)	C29
GND	A30
NC	B30
DQP (R)	C30
GND	A31
NC	B31
DQP (G)	C31
GND	A32
NC	B32
DQP (B)	C32

TO D BOARD CN331 CN330 96P B TO B	TO MF BOARD CN210 CN310 96P B TO B
V.OY.B+	A1
V.OY.B+	B1
V.OY.B+	C1
NC	A2
NC	B2
NC	C2
V.OY.B-	A3
V.OY.B-	B3
V.OY.B-	C3
NC	A4
NC	B4
NC	C4
V.OY.G+	A5
V.OY.G+	B5
V.OY.G+	C5
NC	A6
NC	B6
NC	C6
V.OY.G-	A7
V.OY.G-	B7
V.OY.G-	C7
NC	A8
NC	B8
NC	C8
V.OY.R+	A9
V.OY.R+	B9
V.OY.R+	C9
NC	A10
NC	B10
NC	C10
V.OY.R-	A11
V.OY.R-	B11
V.OY.R-	C11
NC	A12
NC	B12
NC	C12
V.INV	A13
NC	B13
NC	C13
+15V	A14
+15V	B14
+15V	C14
V.GND	A15
V.GND	B15
V.GND	C15
V.GND	A16
V.GND	B16
V.GND	C16
-15V	A17
-15V	B17
-15V	C17
NC	A18
NC	B18
NC	C18
GND	A19
GND	B19
H.SYNC	C19
GND	A20
GND	B20
GND	C20
GND	A21
GND	B21
V.SYNC	C21
GND	A22
GND	B22
GND	C22
12VHD	A23
0-V10/RGB	B23
+B JUNGLE	C23
NC	A24
NC	B24
H.OSC	C24
H.SIZE	A25
H.KEYS	B25
H.PIN	C25
H.CENT (R)	A26
H.CENT (G)	B26
H.CENT (B)	C26
NC	A27
NC	B27
NC	C27
SUBSV	A28
SUBSV	B28
SUBSV	C28
+6V	A29
+6V	B29
+6V	C29
GND	A30
GND	B30
GND	C30
GND	A31
GND	B31
GND	C31
-6V	A32
-6V	B32
-6V	C32

TO MF BOARD CN281, 282, 283 CN158 6P YEL-L S-MICRO	TO CHASSIS GND CN155 3P
IKSW	1
IKDET	2
CRT PROT	3
ABL IK	4
ABG IK	5
GND	6

TO DY ASSY (G) CN246 8P BLK	(OPEN) CN244 8P WHT S-MICRO
H DY (B) 1	H DY (B) 1
H DY (B) 2	H DY (B) 2
H DY (B) 3	H DY (B) 3
H DY (B) 4	H DY (B) 4
H DY (B) 5	H DY (B) 5
H DY (B) 6	H DY (B) 6
H DY (B) 7	H DY (B) 7
H DY (B) 8	H DY (B) 8

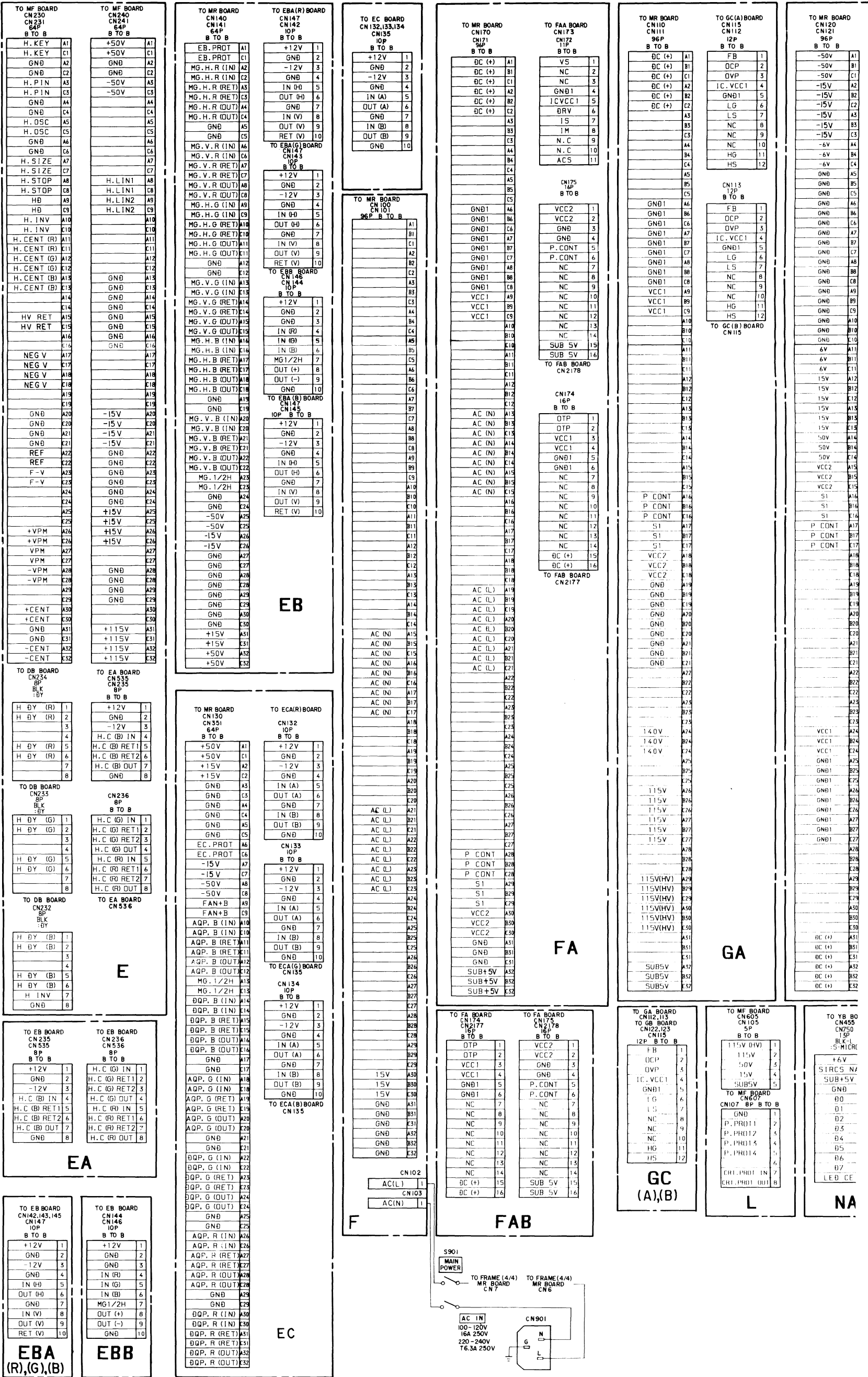
TO MF BOARD CN601 CN701 4P WHT S-MICRO	TO E BOARD CN232
POLE.PROT 1	H DY (B)
V.INV 2	H DY (B)
GND 3	H DY (B)
SUB+5V 4	H INV
	GND

TO D BOARD CN302, 303, 304 CN305, 306, 307	TO E BOARD CN233
FEEDBACK 1	H DY (R)
FEEDBACK 2	H DY (R)
FEEDBACK 3	H DY (R)
FEEDBACK 4	H DY (R)
GND 5	H DY (R)
GND 6	H DY (R)
GND 7	H DY (R)
GND 8	H DY (R)

TO MF BOARD CN271, 272, 273 CN157 7P RED-L S-MICRO	TO B BOARD R: J700 G: J800 B: J900
+135V 1	HEATER + 1
+105V 2	HEATER - 2
NC 3	GND 3
+15V 4	GND 4
-15V 5	GND 5
NC 6	
-180V 7	

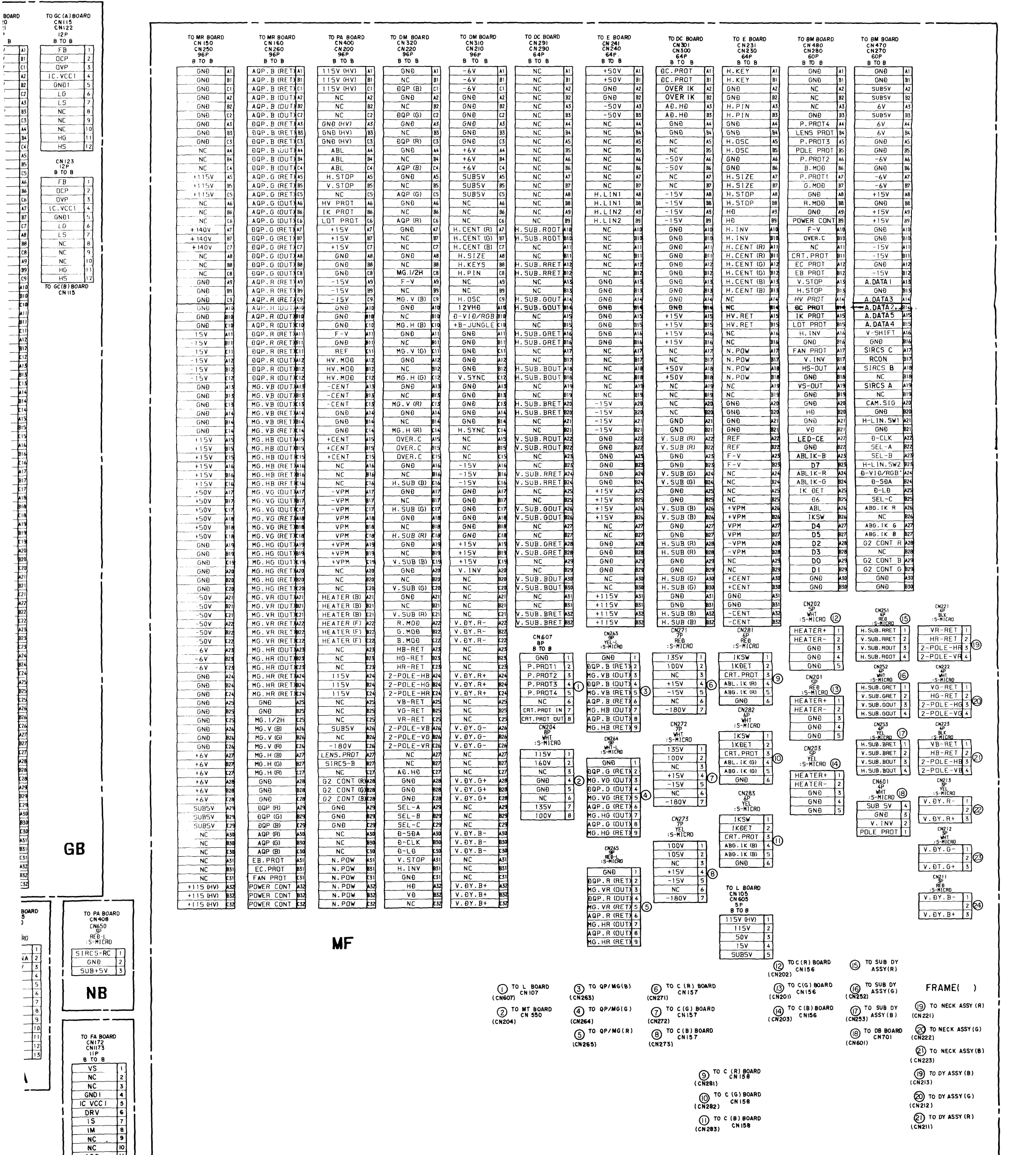


• FRAME SCHEMATIC DIAGRAM (3)

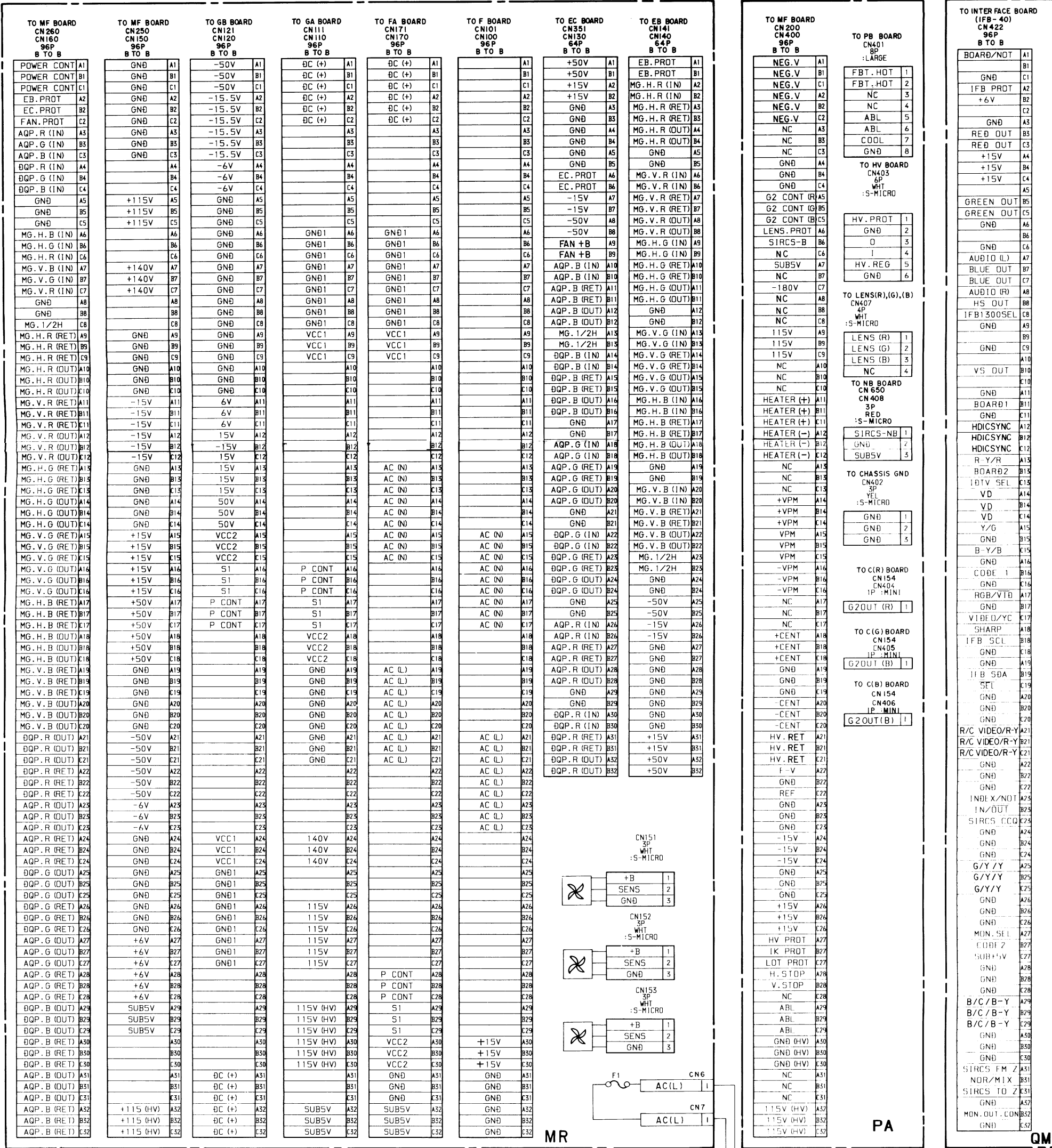






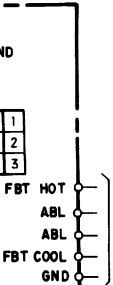


• FRAME SCHEMATIC DIAGRAM (4)



BOARD	1
GE	
HOT	1
HOT	2
	3
	4
	5
	6
	7
	8
BOARD	
03	
P	
ICRO	
ROT	1
D	2
	3
	4
EG	5
D	6
(R),(G),(B)	
(R)	1
(G)	2
(B)	3
	4
BOARD	
08	
D	
ICRO	
S-NB	1
	2
V	3
SSIS GND	
02	
ICRO	
D	1
D	2
D	3
(R) BOARD	
CN154	
CN404	
:MINI	
T (R)	1
G) BOARD	
CN154	
CN405	
:MINI	
T (B)	1
B) BOARD	
CN154	
CN406	
:MINI	
T (B)	1

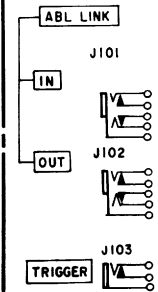
PA



TO INTER FACE BOARD (IFB-40) CN422 96P B TO B			TO BM BOARD CN420 CN421 96P B TO B		
BOARD/NOT	A1		BOARD/NOT	A1	
	B1			B1	
	C1			C1	
GND	C1		GND	C1	
IFB PROT	A2		IFB PROT	A2	
+6V	B2		+6V	B2	
	C2			C2	
GND	A3		GND	A3	
RED OUT	B3		RED OUT	B3	
RED OUT	C3		RED OUT	C3	
+15V	A4		+15V	A4	
+15V	B4		+15V	B4	
+15V	C4		+15V	C4	
	A5			A5	
GREEN OUT	B5		GREEN OUT	B5	
GREEN OUT	C5		GREEN OUT	C5	
GND	A6		GND	A6	
	B6			B6	
GND	C6		GND	C6	
AUDIO (L)	A7		AUDIO (L)	A7	
BLUE OUT	B7		BLUE OUT	B7	
BLUE OUT	C7		BLUE OUT	C7	
AUDIO (R)	A8		AUDIO (R)	A8	
HS OUT	B8		HS OUT	B8	
IFB1300SEL	C8		IFB1300SEL	C8	
GND	A9		GND	A9	
	B9			B9	
GND	C9		GND	C9	
	A10			A10	
VS OUT	B10		VS OUT	B10	
	C10			C10	
GND	A11		GND	A11	
BOARD1	B11		BOARD1	B11	
GND	C11		GND	C11	
HDICSYNC	A12		HDICSYNC	A12	
HDICSYNC	B12		HDICSYNC	B12	
HDICSYNC	C12		HDICSYNC	C12	
R-Y/R	A13		R-Y/R	A13	
BOARD2	B13		BOARD2	B13	
10TV SEL	C13		10TV SEL	C13	
VD	A14		VD	A14	
VD	B14		VD	B14	
VD	C14		VD	C14	
Y/G	A15		Y/G	A15	
GND	B15		GND	B15	
B-Y/B	C15		B-Y/B	C15	
GND	A16		GND	A16	
CODE 1	B16		CODE 1	B16	
GND	C16		GND	C16	
RGB/VIB	A17		RGB/VIB	A17	
GND	B17		GND	B17	
VIDEO/YC	C17		VIDEO/YC	C17	
SHARP	A18		SHARP	A18	
IFB-SCL	B18		IFB-SCL	B18	
GND	C18		GND	C18	
GND	A19		GND	A19	
IFB-SDA	B19		IFB-SDA	B19	
SEL	C19		SEL	C19	
GND	A20		GND	A20	
GND	B20		GND	B20	
GND	C20		GND	C20	
R/C VIDEO/R-Y	A21		R/C VIDEO/R-Y	A21	
R/C VIDEO/R-Y	B21		R/C VIDEO/R-Y	B21	
R/C VIDEO/R-Y	C21		R/C VIDEO/R-Y	C21	
GND	A22		GND	A22	
GND	B22		GND	B22	
GND	C22		GND	C22	
INDEX/NOT	A23		INDEX/NOT	A23	
IN/OUT	B23		IN/OUT	B23	
SIRCS CCG	C23		SIRCS CCG	C23	
GND	A24		GND	A24	
GND	B24		GND	B24	
GND	C24		GND	C24	
G/Y/Y	A25		G/Y/Y	A25	
G/Y/Y	B25		G/Y/Y	B25	
G/Y/Y	C25		G/Y/Y	C25	
GND	A26		GND	A26	
GND	B26		GND	B26	
GND	C26		GND	C26	
MON. SEL	A27		MON. SEL	A27	
CODE2	B27		CODE2	B27	
SUB+SV	C27		SUB+SV	C27	
GND	A28		GND	A28	
GND	B28		GND	B28	
GND	C28		GND	C28	
B/C/B-Y	A29		B/C/B-Y	A29	
B/C/B-Y	B29		B/C/B-Y	B29	
B/C/B-Y	C29		B/C/B-Y	C29	
GND	A30		GND	A30	
GND	B30		GND	B30	
GND	C30		GND	C30	
SIRCS FM Z	A31		SIRCS FM Z	A31	
NOR/MIX	B31		NOR/MIX	B31	
SIRCS TO Z	C31		SIRCS TO Z	C31	
GND	A32		GND	A32	
MON. OUT. CON	B32		MON. OUT. CON	B32	
GND	C32		GND	C32	

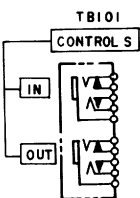
QM

TO BM BOARD CN440 CN441 96P B TO B		
GND	A1	
GND	B1	
GND	C1	
OSD-R	A2	
GND	B2	
	C2	
OSD-G	A3	
GND	B3	
	C3	
OSD-B	A4	
GND	B4	
	C4	
OSD-V	A5	
GND	B5	
	C5	
TEST IRE	A6	
GND	B6	
BLKG	C6	
ABL NET	A7	
	B7	
	C7	
GND	A8	
GND	B8	
GND	C8	
HS-OUT	A9	
SCP	B9	
HS (B-A)	C9	
GND	A10	
GND	B10	
GND	C10	
VS-OUT	A11	
V-SYNC	B11	
VS (B-A)	C11	
GND	A12	
	B12	
GND	C12	
HD	A13	
GND	B13	
GND	C13	
GND	A14	
GND	B14	
VD	C14	
GND	A15	
GND	B15	
GND	C15	
RES2M	A16	
CLR	B16	
CEM2	C16	
INT2M	A17	
BUSY2M	B17	
A0	C17	
A1	A18	
A2	B18	
A3	C18	
A4	A19	
A5	B19	
A6	C19	
A7	A20	
A8	B20	
A9	C20	
A10	A21	
A11	B21	
A12	C21	
A13	A22	
A14	B22	
A15	C22	
00	A23	
01	B23	
02	C23	
03	A24	
04	B24	
05	C24	
06	A25	
07	B25	
08	C25	
09	A26	
10	B26	
11	C26	
12	A27	
13	B27	
14	C27	
15	A28	
16	B28	
17	C28	
18	A29	
19	B29	
20	C29	
21	A30	
22	B30	
23	C30	
24	A31	
25	B31	
26	C31	
27	A32	
28	B32	
29	C32	



YA

TO BM BOARD CN490 CN491 128P B TO B			TO BM BOARD CN450 CN451 48P B TO B		
GND	A1		A0	A1	
GND	B1			B1	
GND	C1			C1	
GND	B1			A2	
GND	A2			A3	
ABG R	B2			A4	
ABG G	C2			A5	
ABG B	B2			A6	
	A3			A7	
	B3			A8	
	C3			A9	
	A4			A10	
	B4			A11	
	C4			A12	
GND	A4			A13	
G2 R	B4			A14	
G2 G	C4			A15	
G2 B	B4			00	
	A5			01	
	B5			02	
	C5			03	
GND	A6			04	
GND	B6			05	
GND	C6			06	
GND	B6			07	
SCL (I2C)	A7			08	
0-VIO/RGB	B7			09	
SEL-A	C7			A5	
0-SDA	B7			GND	
SDA (I2C)	A8			GND	
H-LIN SW1	B8			GND	
SEL-B	C8			GND	
0-CLK	B8			GND	
GND	A9			GND	
H-LIN SW2	B9			GND	
SEL-C	C9			SIRCS NB	
0-L0	B9			NC	
	A10			SIRCS CCG	
	B10			GND	
FH LIMIT	C10			GND	
OVER.C	B10			SUB+SV	
H/C IN	A11			SUB+SV	
GND	B11			SUB+SV	
M. DATA1	C11			+6V	
M. DATA2	B11			+6V	
GND	A12			+15V	
SONG IN	B12			GND	
M. DATA3	C12			GND	
M. DATA4	B12			GND	
VS IN	A13			GND	
GND	B13				
M. DATA5	C13				
BOARD2	B13				
GND	A14				
IFB1300SEL	B14				
BOARD/NOT	C14				
CLAMP	A15				
RGB/VIDEO	B15				
IN/OUT	C15				
GND	A16				
VIDEO/YC	B16				
SEL	C16				
HS-OUT	A17				
CODE1	B17				
CODE2	C17				
GND	A18				
VSYNC	B18				
BOARD1	C18				
HS (B-A)	A19				
GND	B19				
HD	C19				
GND	A20				
VS (B-A)	B20				
GND	C20				
VD	B20				
GND	A21				
GND	B21				
GND	C21				
GND	B21				
	A22				
	B22				
P. PROT1	C22				
P. PROT2	B22				
P. PROT3	A23				
P. PROT4	B23				
IFB PROT	C23				
LENS PROT	B23				
POLE PROT	A24				
	B24				
	C24				
P. CONT	B24				
B PROT	A25				
0C PROT	B25				
EB PROT	C25				
EC PROT	B25				
HV PROT	A26				
LOT PROT	B26				
H STOP	C26				
V STOP	B26				
ZIK PROT	A27				
IK PROT	B27				
CRT PROT	C27				
FAN PROT	B27				
H INV	A28				
V INV	B28				
	C28				
GND	A29				
GND	B29				
GND	C29				
GND	B29				
BUSY 2M	A30				
	B30				
	C30				
BUSY 3M	B30				
INT 2M	A31				
RES 2M	B31				
RES 3M	C31				
INT 3M	B31				
CE M2	A32				
CLR	B32				
CLR	C32				
CE M3	B32				



YB

TO BM BOARD			
CN460			
CN461			
96P			
B TO B			
GND	A1		
GND	B1		
GND	C1		
IFB-SCL	A2		
	B2		
	C2		
IFB-SDA	A3		
GND	B3		
	C3		
	A4		
	B4		
	C4		
M. DATA1	A5		
	B5		
A. DATA1	C5		
M. DATA2	A6		
	B6		
A. DATA2	C6		
M. DATA3	A7		
	B7		
A. DATA3	C7		
M. DATA4	A8		
	B8		
A. DATA4	C8		
M. DATA5	A9		
	B9		
A. DATA5	C9		
	A10		
	B10		
	C10		
	A11		
	B11		
	C11		
	A12		
	B12		
	C12		
H0	A13		
GND	B13		
GND	C13		
GND	A14		
GND	B14		
V0	C14		
GND	A15		
GND	B15		
GND	C15		
CLR	A16		
RES 3M	B16		
	C16		
CE M3	A17		
INT 3M	B17		
BUSY 3M	C17		
A0	A18		
A1	B18		
A2	C18		
A3	A19		
A4	B19		
A5	C19		
A6	A20		
A7	B20		
A8	C20		
A9	A21		
A10	B21		
A11	C21		
A12	A22		
A13	B22		
A14	C22		
A15	A23		
00	B23		
01	C23		
02	A24		
03	B24		
04	C24		
05	A25		
06	B25		
07	C25		
RD	A26		
WR	B26		
AS	C26		
GND	A27		
GND	B27		
GND	C27		
SUB+5V	A28		
SUB+5V	B28		
SUB+5V	C28		
+6V	A29		
+6V	B29		
+6V	C29		
GND	A30		
GND	B30		
GND	C30		
-6V	A31		
-6V	B31		
+15V	C31		
GND	A32		
GND	B32		
GND	C32		

TO YF BOARD	
CN465	
CN463	
9P	
WHT	
:S-MICRO	

INDEX0	1
INDEX1	2
INDEX2	3
INDEX3	4
INDEX4	5
INDEX5	6
INDEX6	7
INDEX7	8
GND	9

TB1001

REMOTE  
RS-422A

6  
7  
8  
9  
0

YC

4-3. CIRCUIT BOARDS LOCATION

