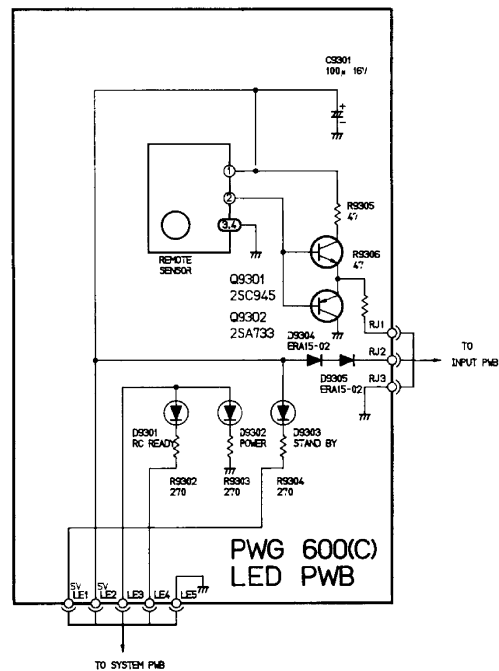
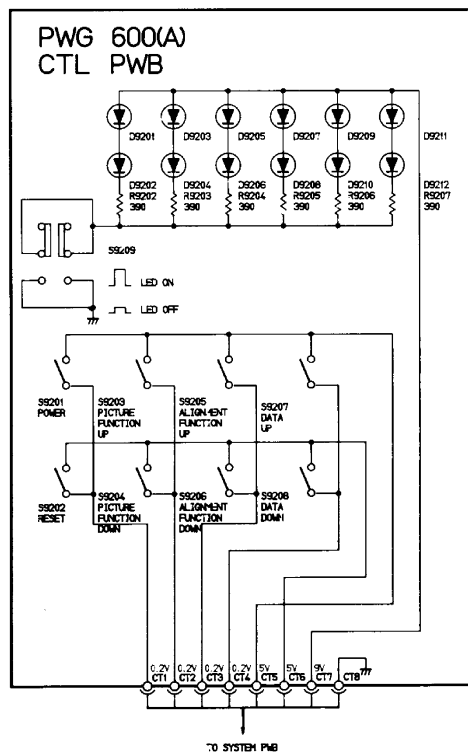
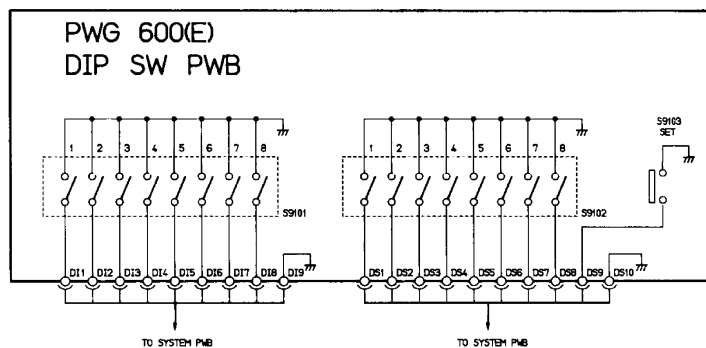


GP-3000

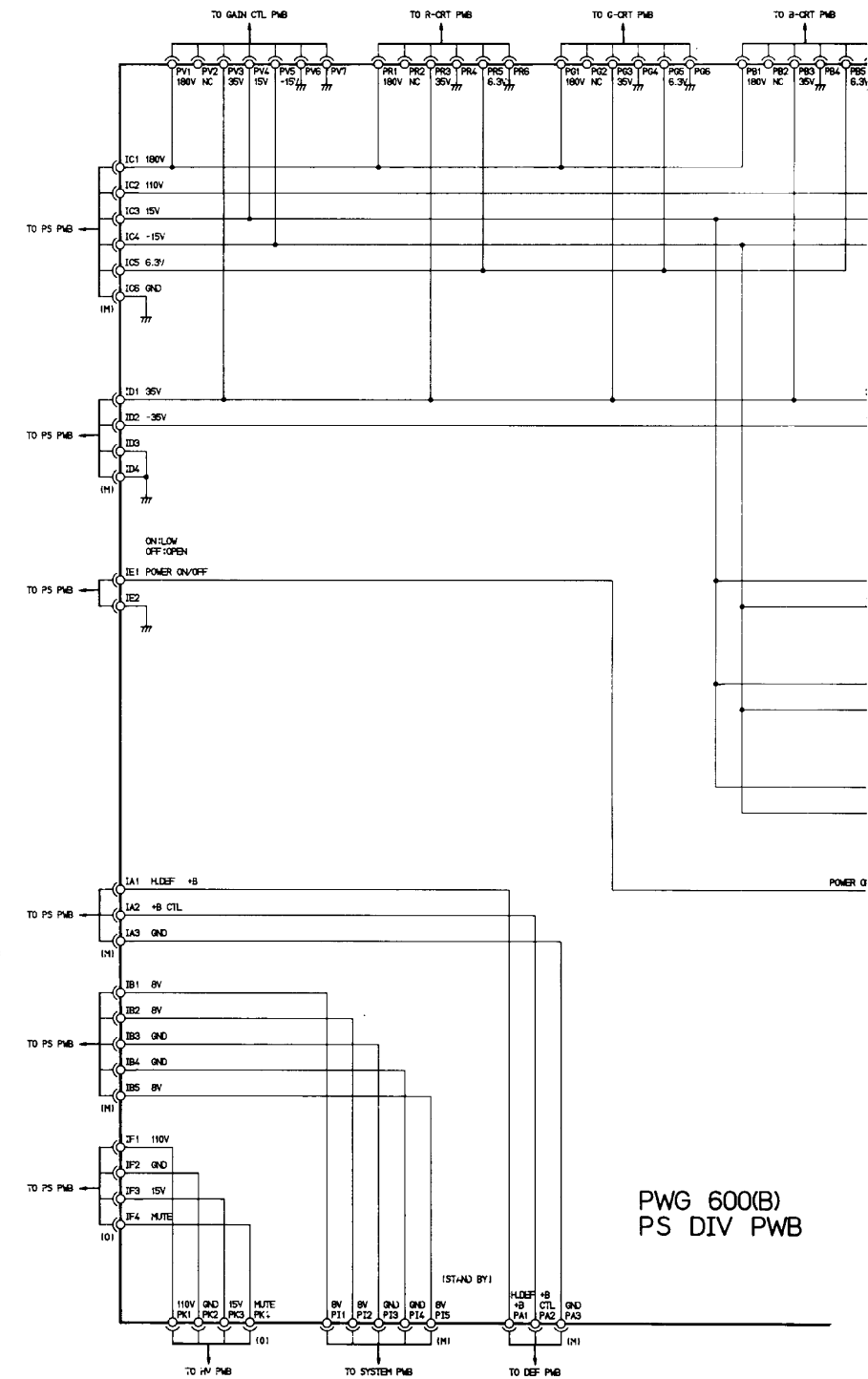
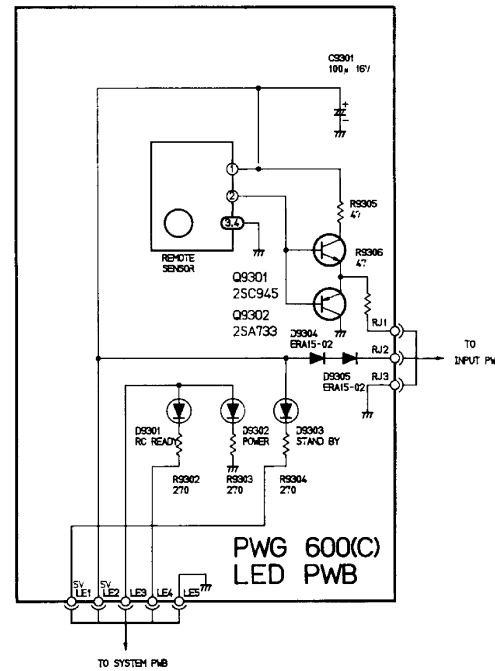
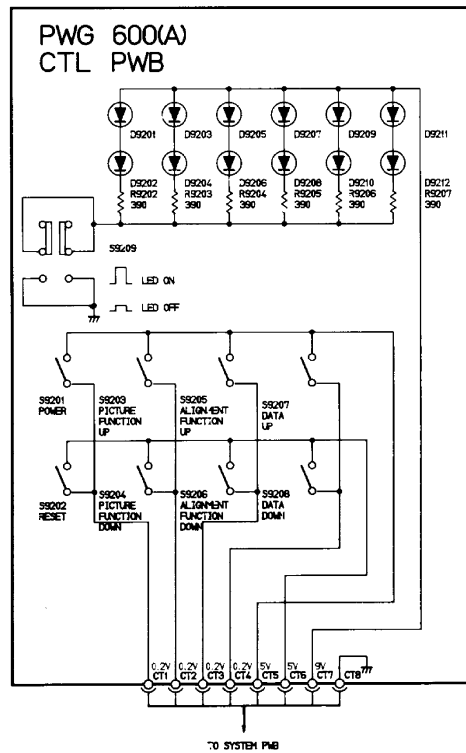
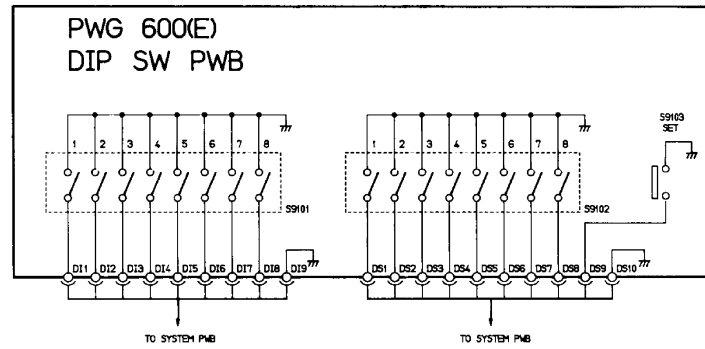
SCHEMATIC DIAGRAMS

1. CTL/LED/DIP PWB (PWG 600A, D, E)	1
2. PS DIV PWB (PWG 600B)	2
3. VIDEO PWB (PWG 596)	3
4. HV PWB (PWG 595A)	5
5. CONNECTION	7
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8. CF DRIVE PWB (PWG 602)	21
9. DEF PWB (PWG 588)/LINEAR COIL PWB (PWG 600C)	25
10. PS UNIT A, B PWB (PWG 648A, B)	29
11. SYSTEM PWB (PWG 604)	33
12. D-CONV PWB (PWG 605)	45

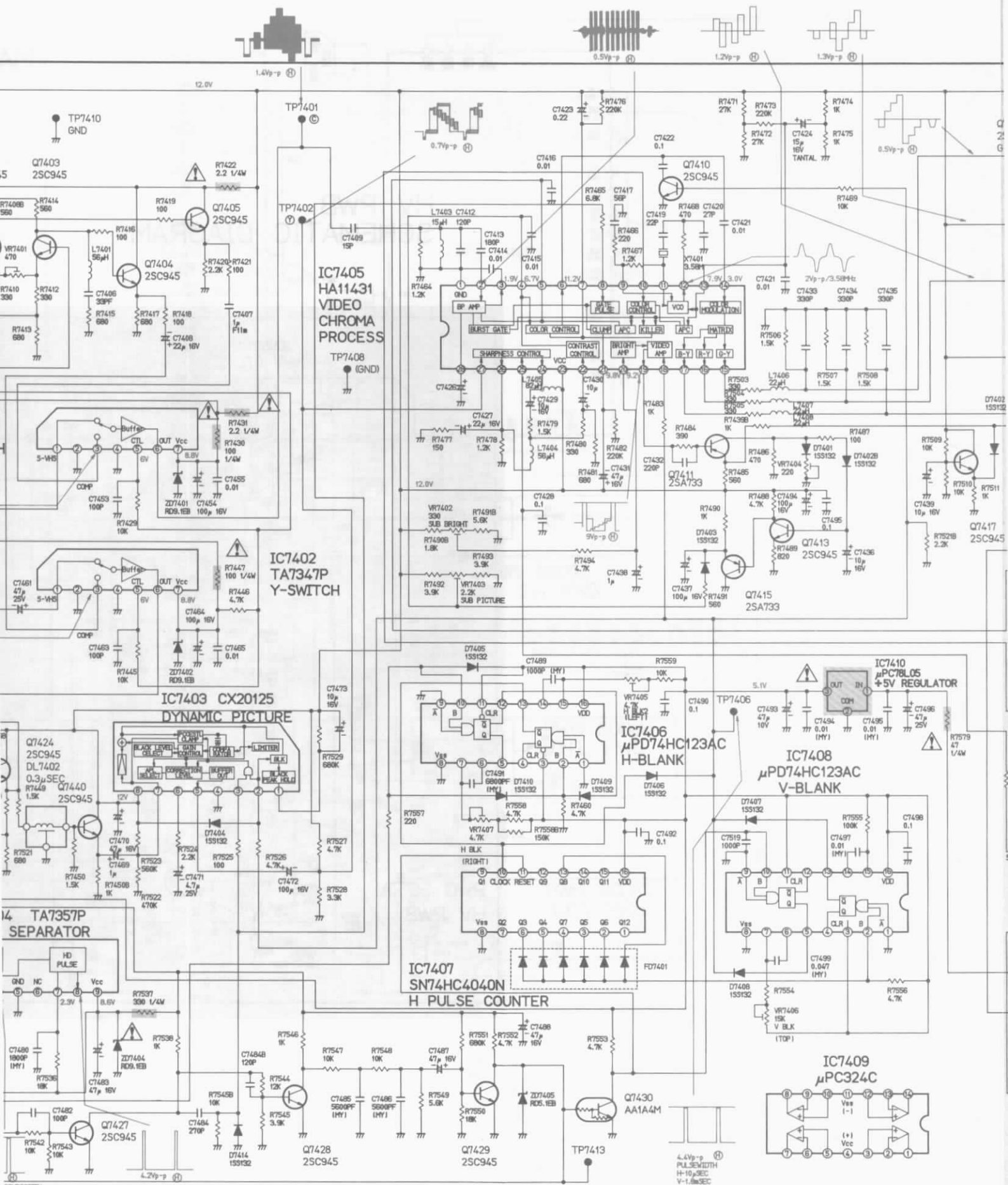
CTL/LED/DIP/PS DIV PWB SCHEMATIC DIAGRAM



CTL/LED/DIP/PS DIV PWB SCHEMATIC DIAGRAM



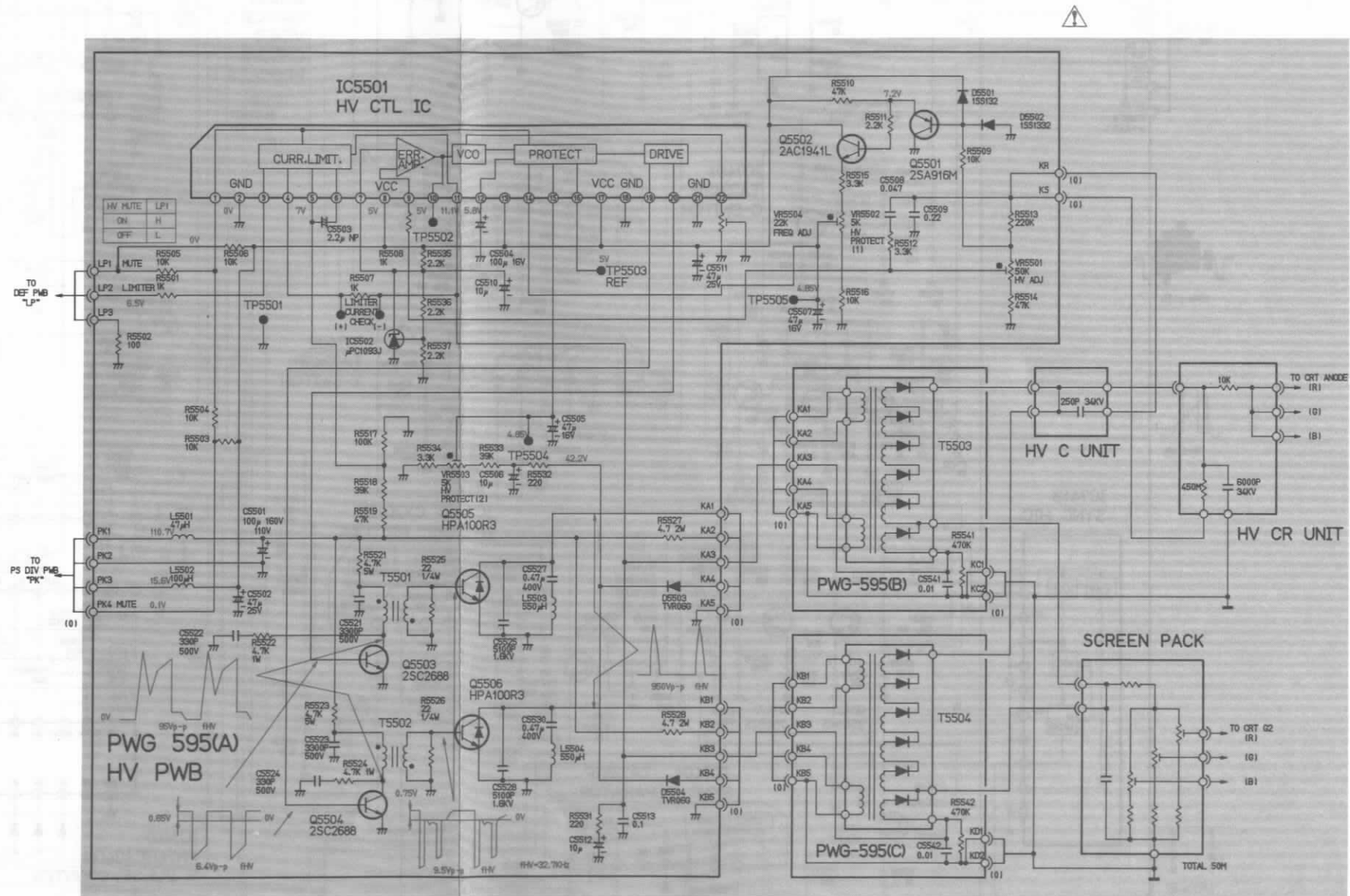




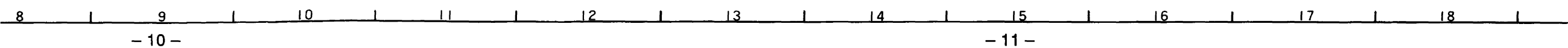
G



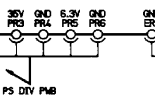
HV PWB SCHEMATIC DIAGRAM



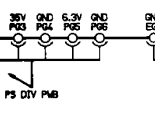
NOTES
CONTROL (S) MARKED # IS PERMANENTLY
FROZEN
DO NOT ATTEMPT TO DEFEAT OR IMPROPERLY
REPLACE.



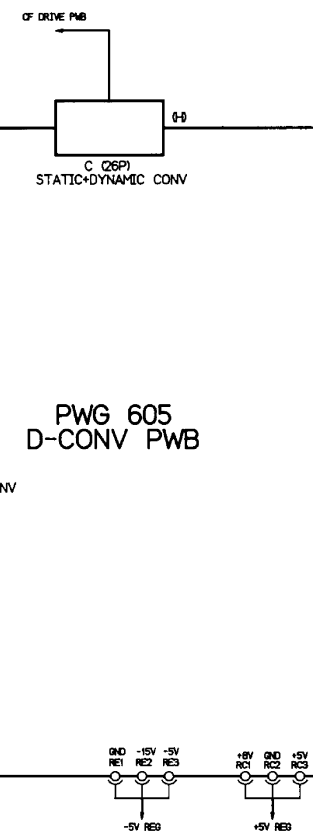
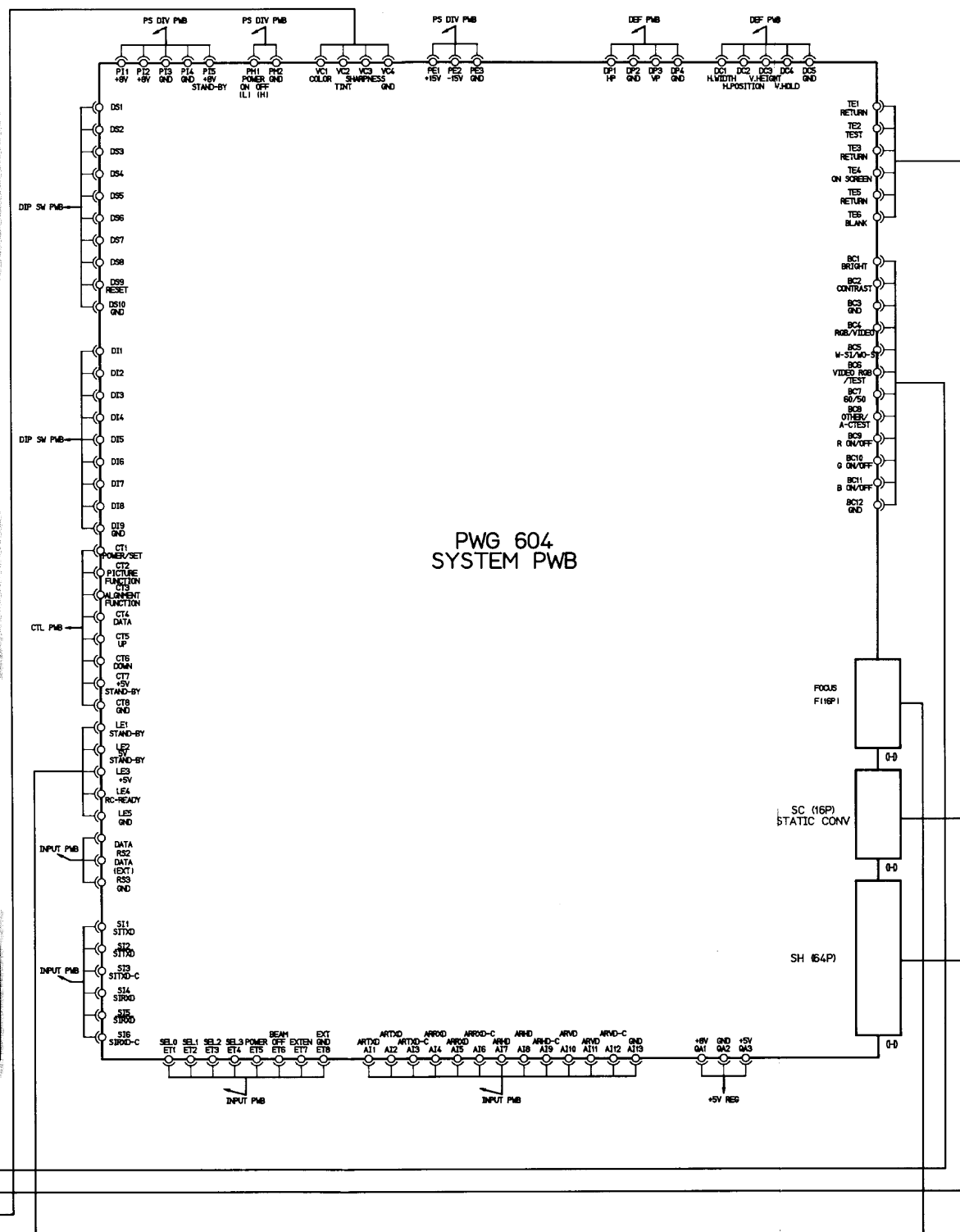
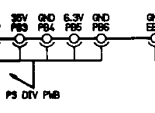
PWG 599R
R-CRT PWB



PWG 599G
G-CRT PWB



PWG 599B
B-CRT PWB



NOTES

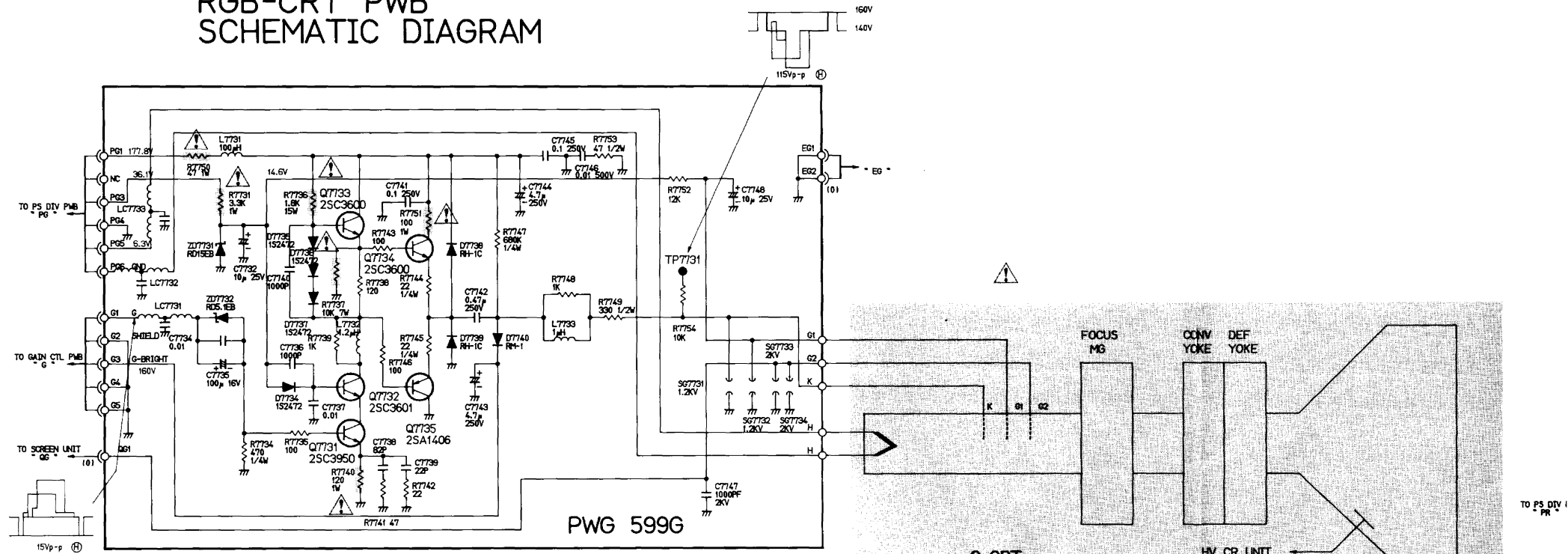
1. RESISTOR VALUES ARE IN Ω (OHM) K = 1,000 M = 1,000,000
2. ALL RESISTORS ARE 1/8WATT EXCEPT WHERE OTHERWISE INDICATED.
3. CAPACITOR VALUES ARE IN μ F UNLESS OTHERWISE INDICATED. P = PF
4. ALL CAPACITORS ARE 50VOLTS EXCEPT WHERE OTHERWISE INDICATED.
5. VOLTAGES AND WAVEFORMS MEASURED UNDER FOLLOWING CONDITIONS:
INPUT SIGNAL IS STANDARD COLOR BAR
CONTRAST MAXIMUM AND BRIGHTNESS VOLUME CONTROL AT CENTER.
(PROVIDED THAT ONLY VIDEO PWB IS IN PJ-ALONE MODE)
6. \oplus ----- HORIZONTAL RATE. \odot ----- VERTICAL RATE.

WARNING

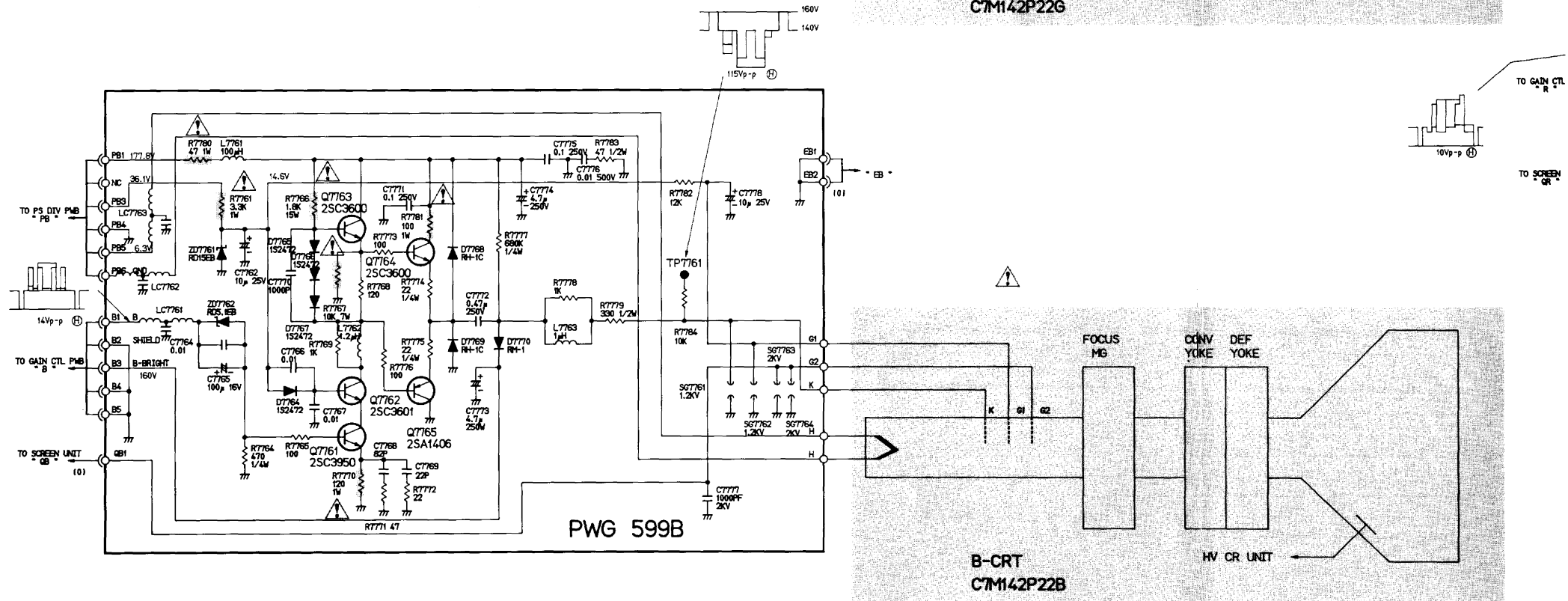
REPLACEMENT PARTS WHICH HAVE SPECIAL SAFETY CHARACTERISTICS ARE IDENTIFIED BY Δ SHADOWS ON THE SCHEMATICS. REPLACE THESE CRITICAL COMPONENTS WITH RECOMMENDED REPLACEMENT PARTS. DON'T ENDANGER THE SAFETY OF THE SET THROUGH IMPROPER SERVICING.

CONTROL (S) MARKED Δ IS PERMANENTLY FROZEN. DO NOT ATTEMPT TO REPEAT OR IMPROPERLY REPLACE.

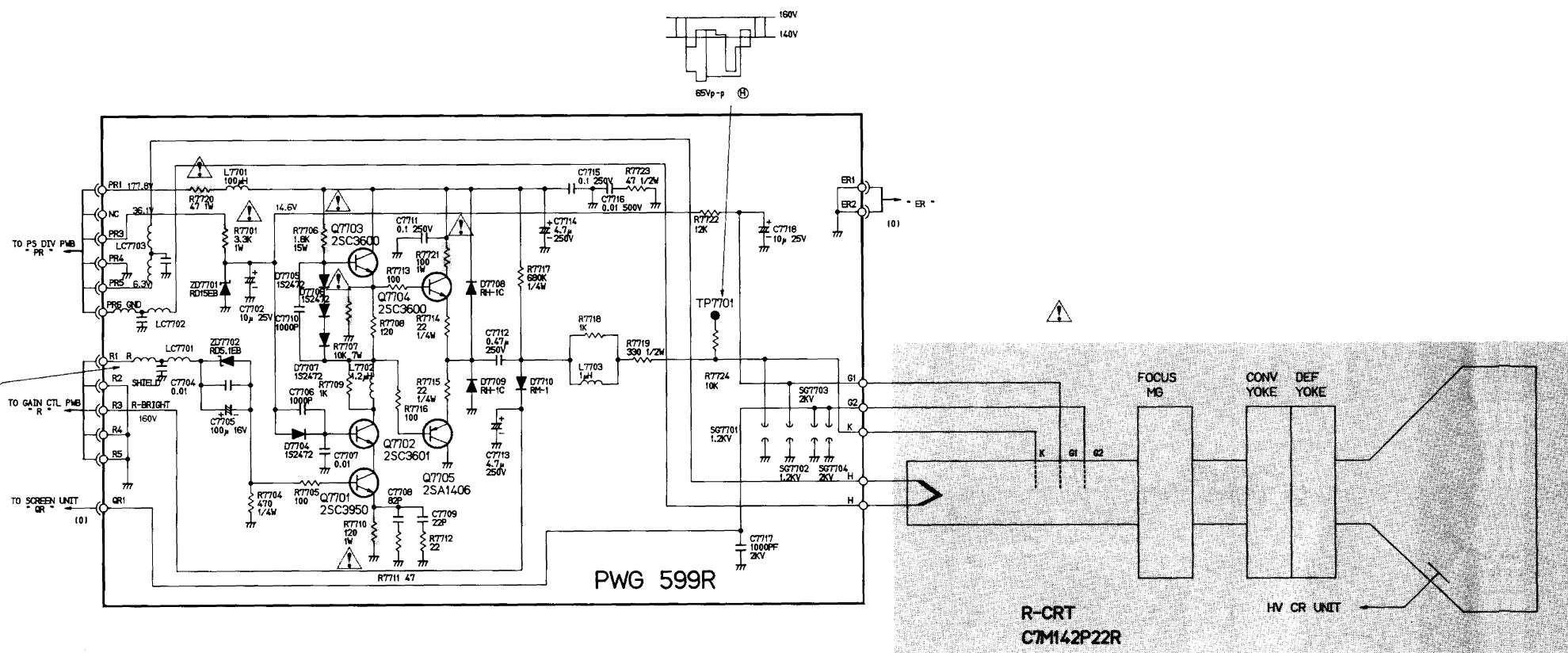
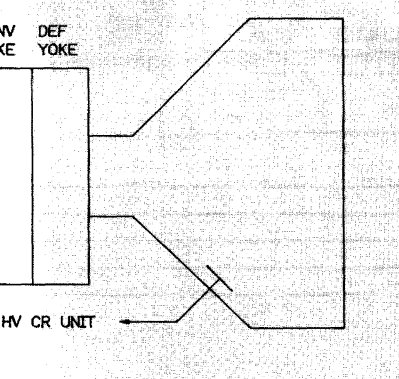
RGB-CRT PWB SCHEMATIC DIAGRAM

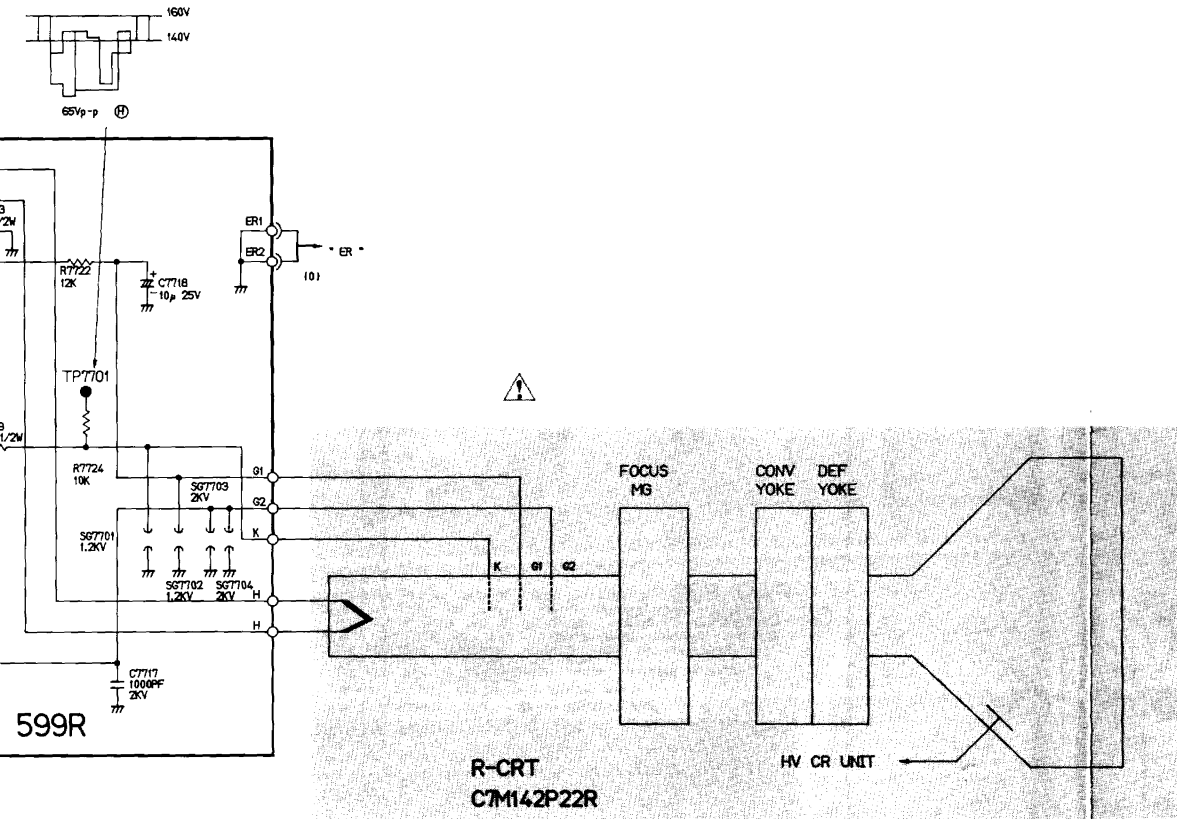


G-CRT
C7M142P22G

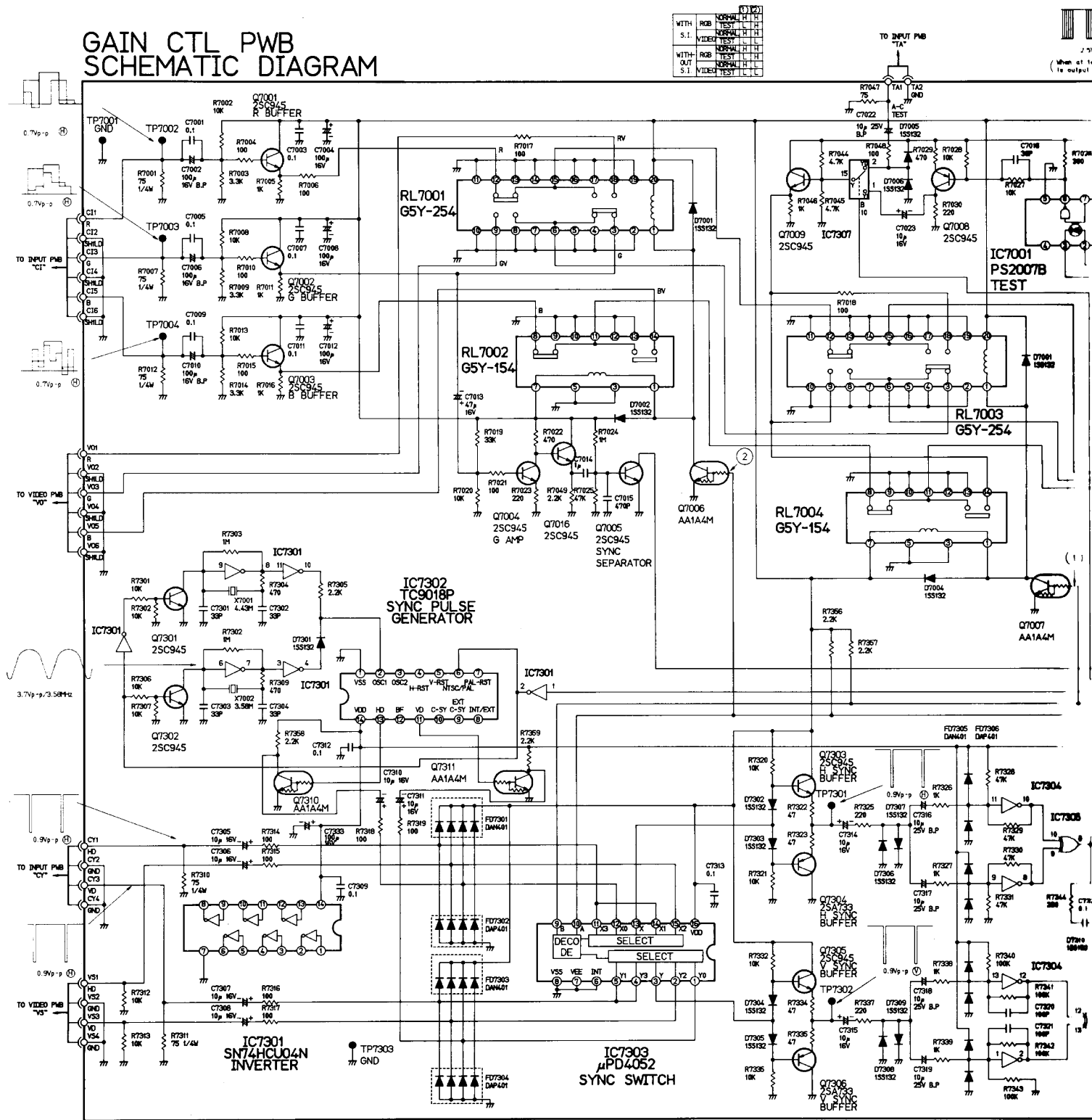


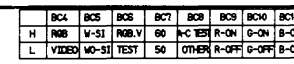
B-CRT
C7M142P22B

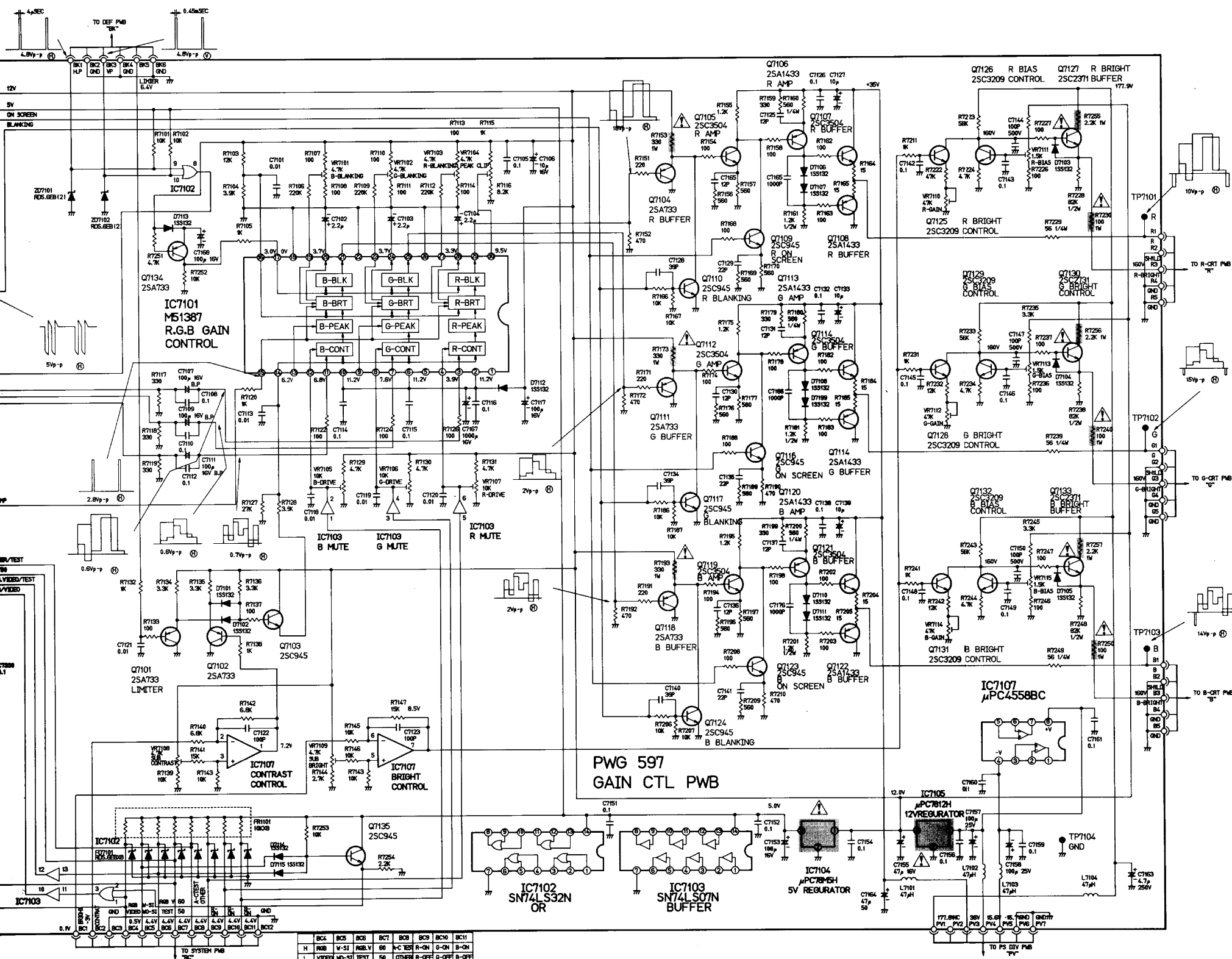




GAIN CTL PWB SCHEMATIC DIAGRAM

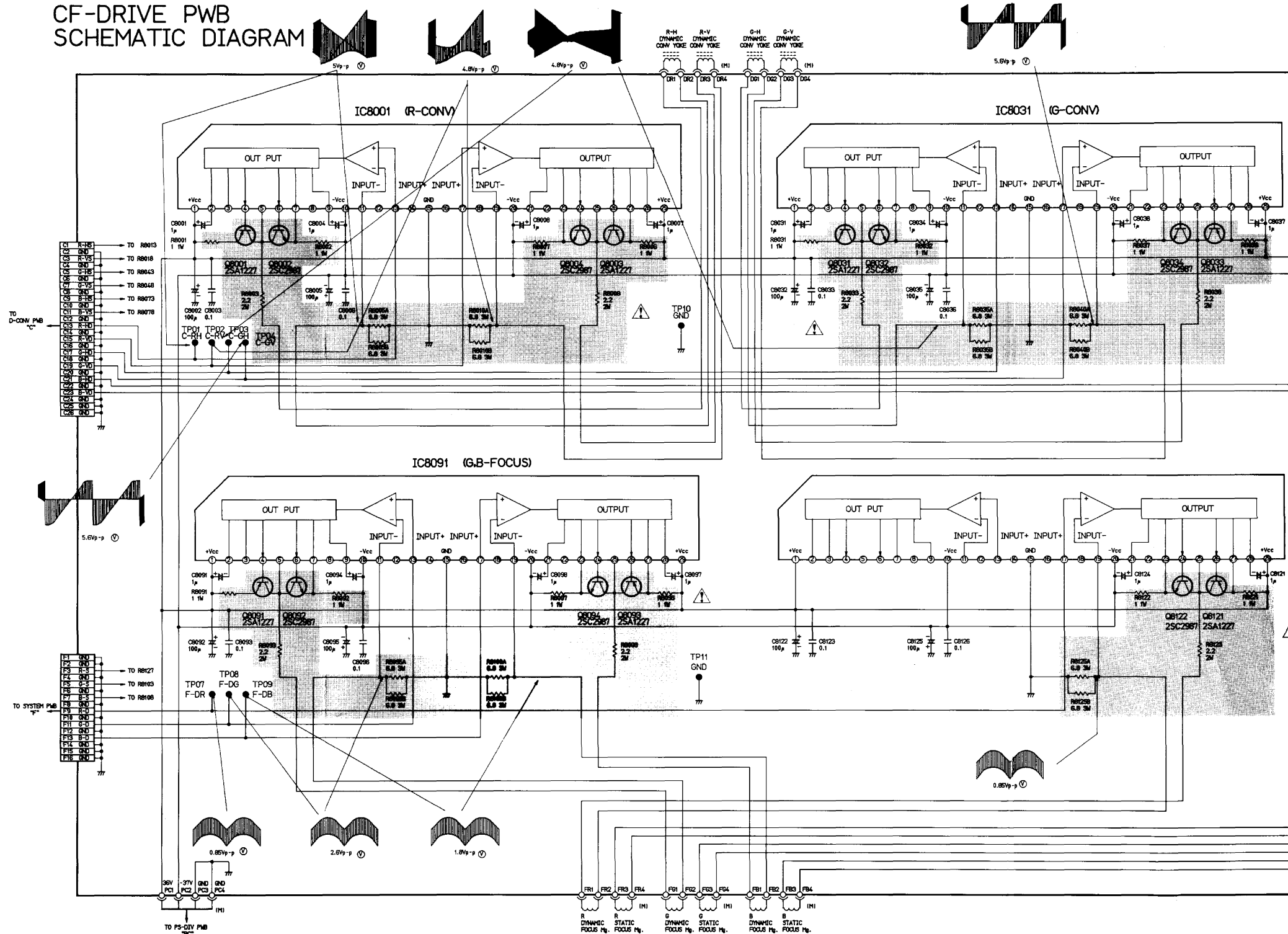


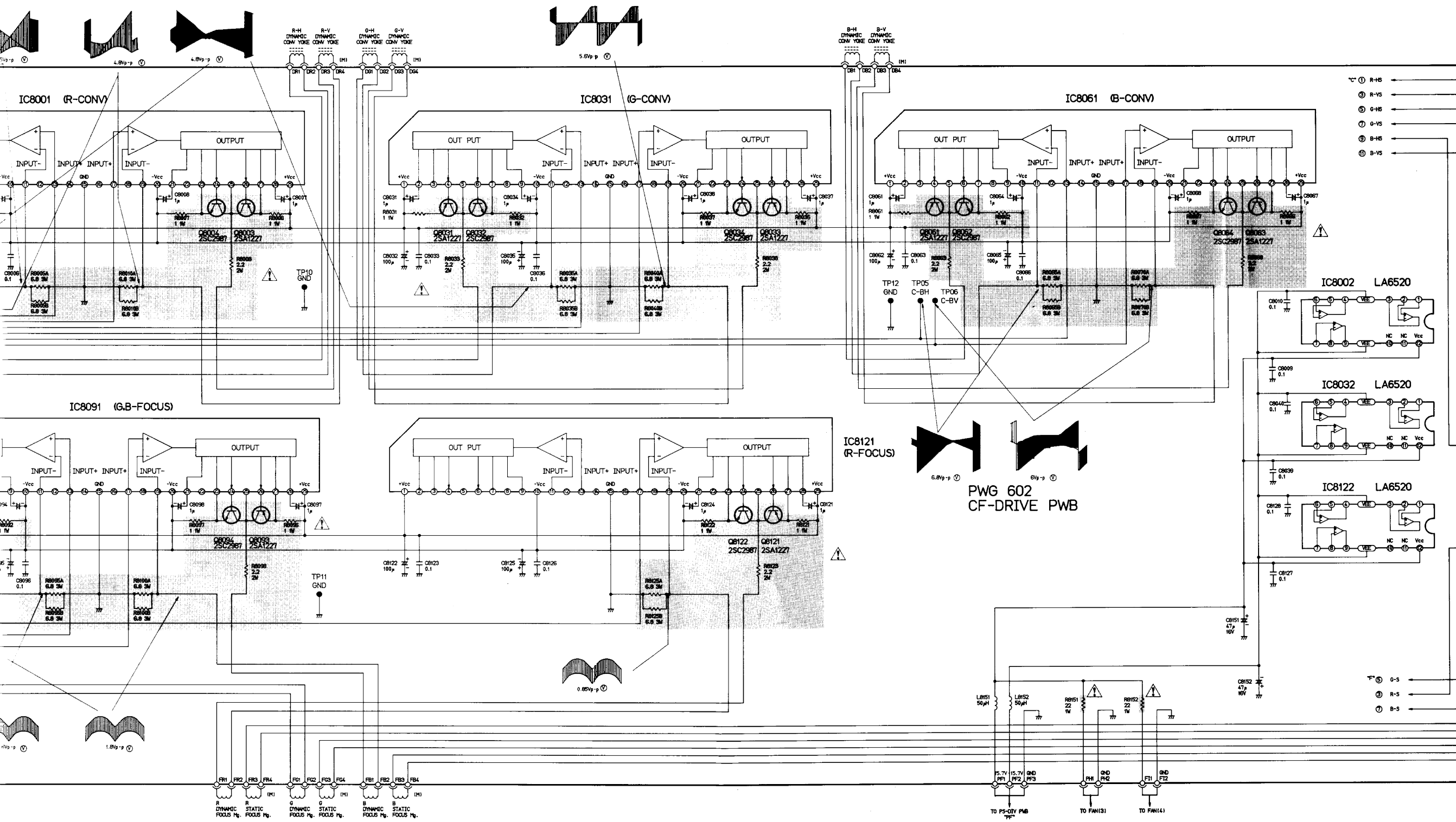




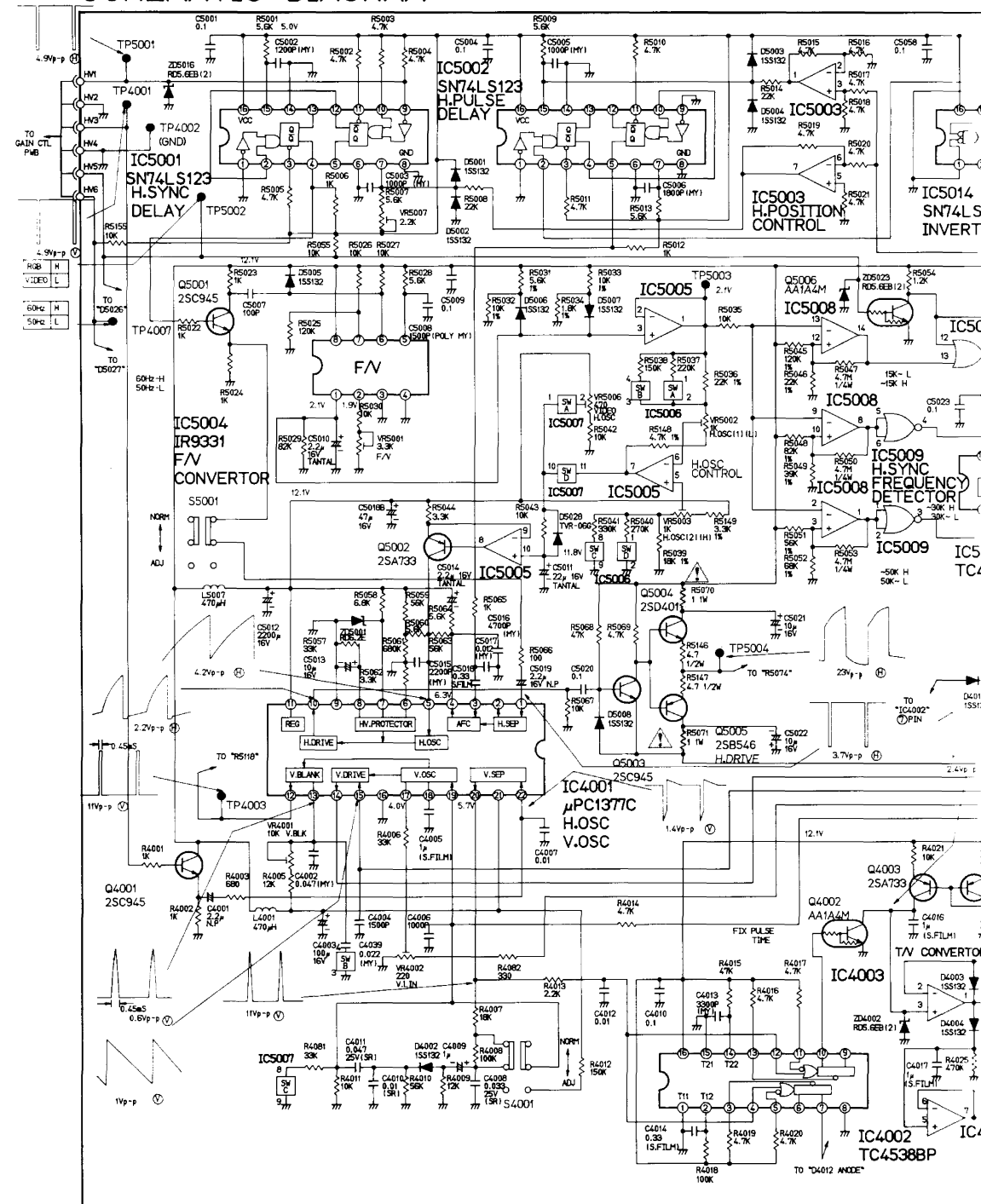
	BC4	BC5	BC6	BC7	BC8	BC9	BC10	BC11
H	RGB	W-SI	RGB.V	60	A-C TEST	R-ON	G-ON	B-ON
L	VIDEO	WD-SI	TEST	50	OTHER	R-OFF	G-OFF	B-OFF

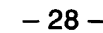
CF-DRIVE PWB SCHEMATIC DIAGRAM



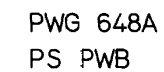


DEF/LINEAR COIL PWB SCHEMATIC DIAGRAM





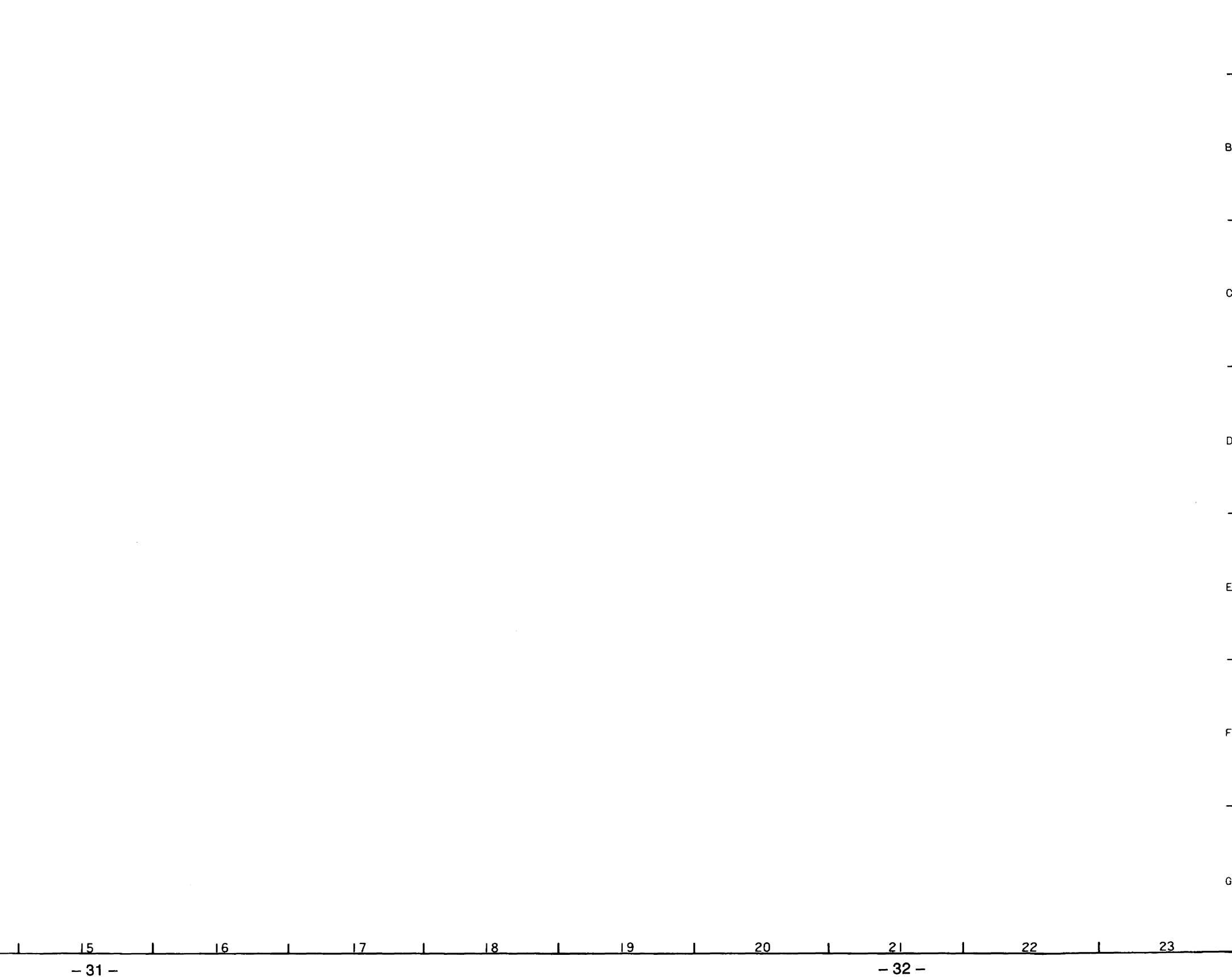
PS UNIT

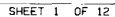


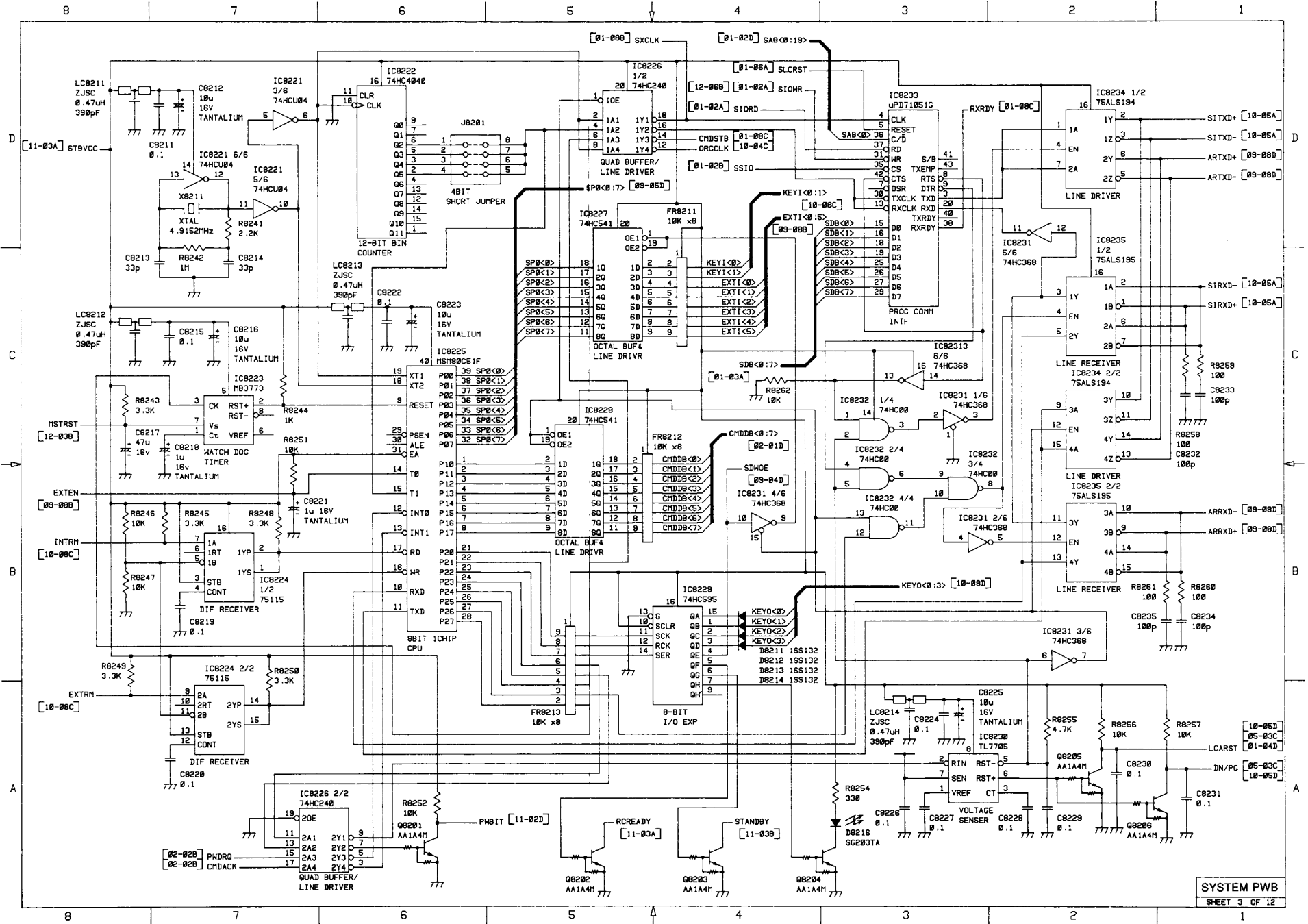
IC6502
SWITCHING
REGULATOR
CONTROL

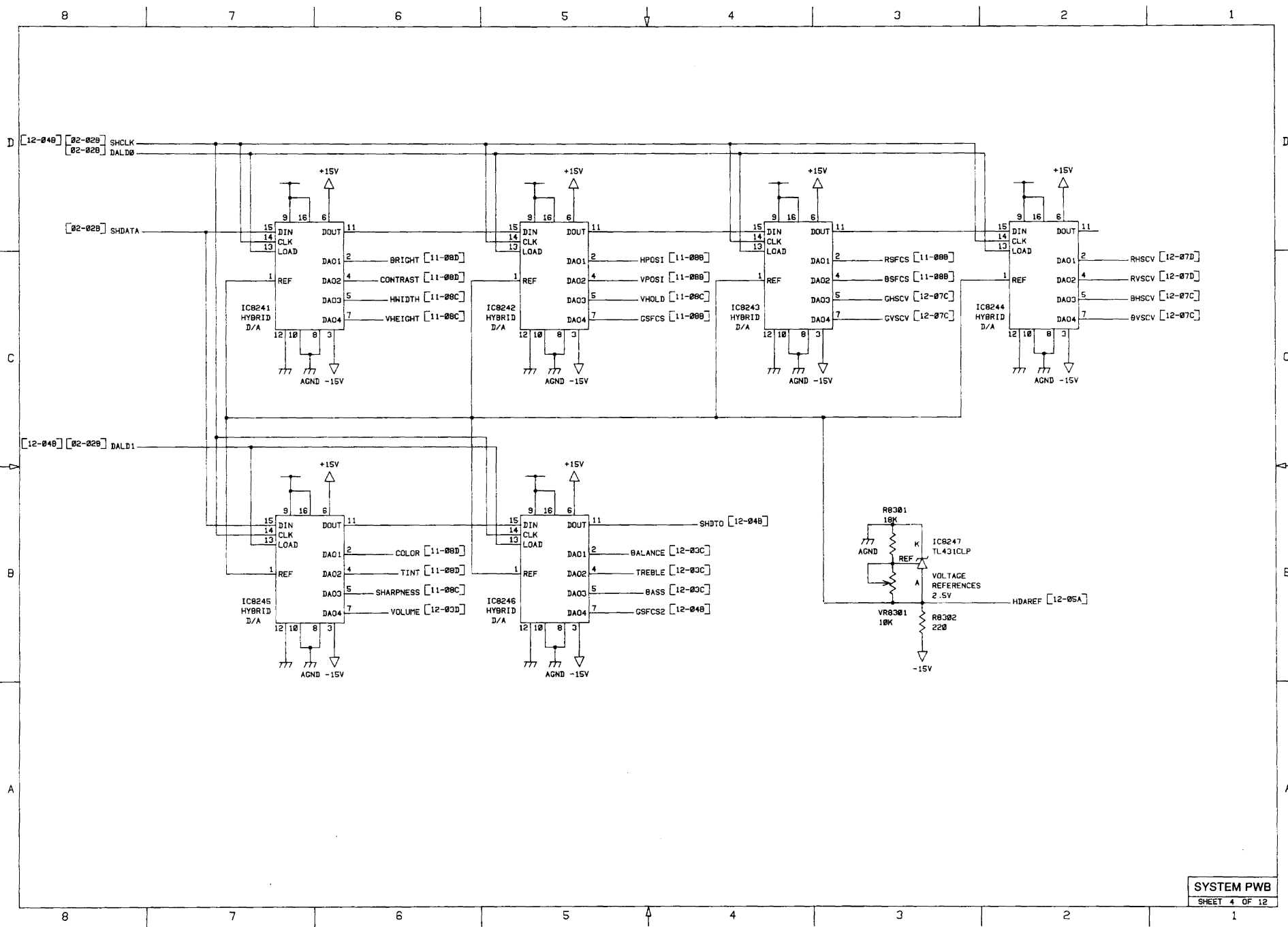
648A
PWB



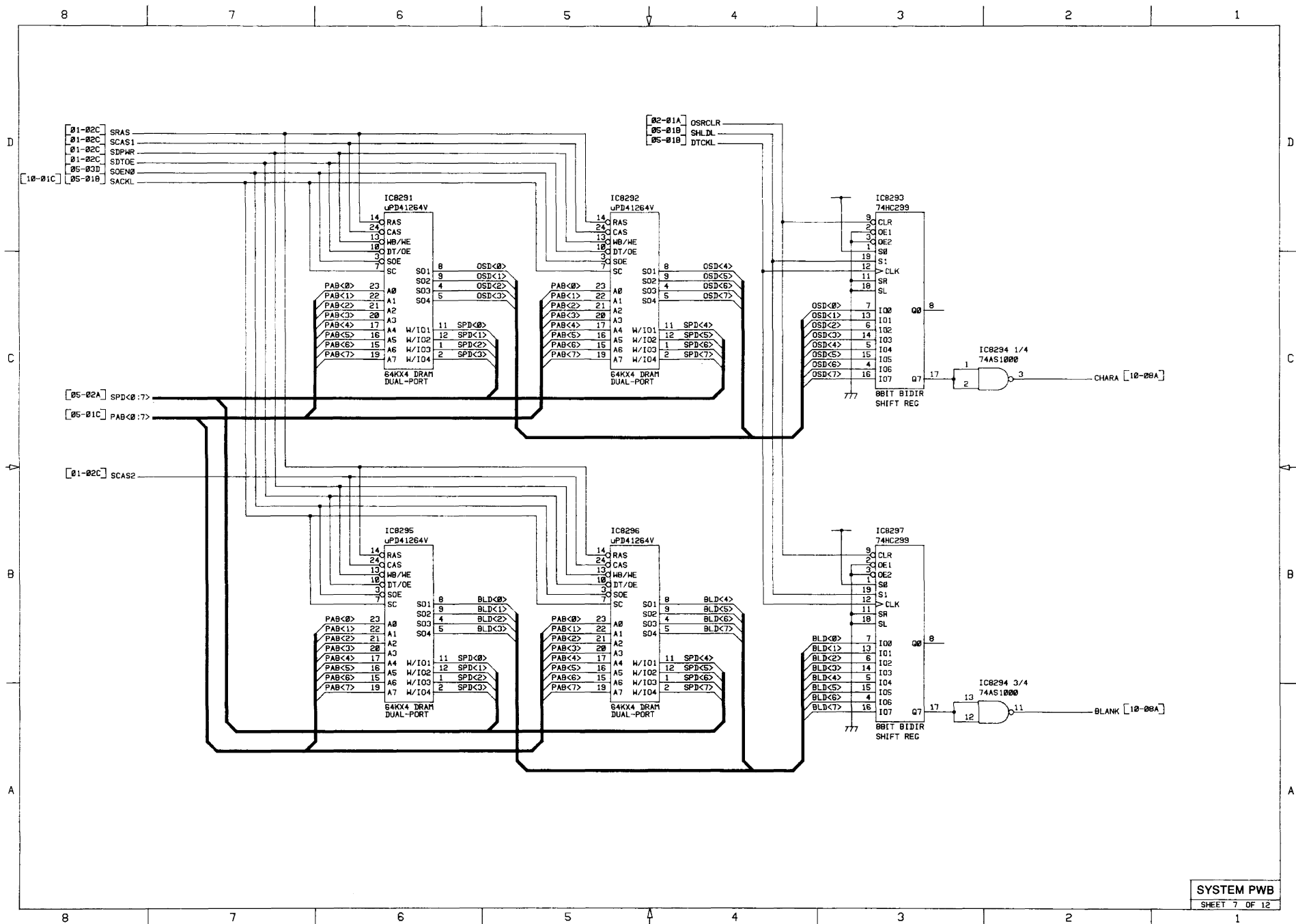




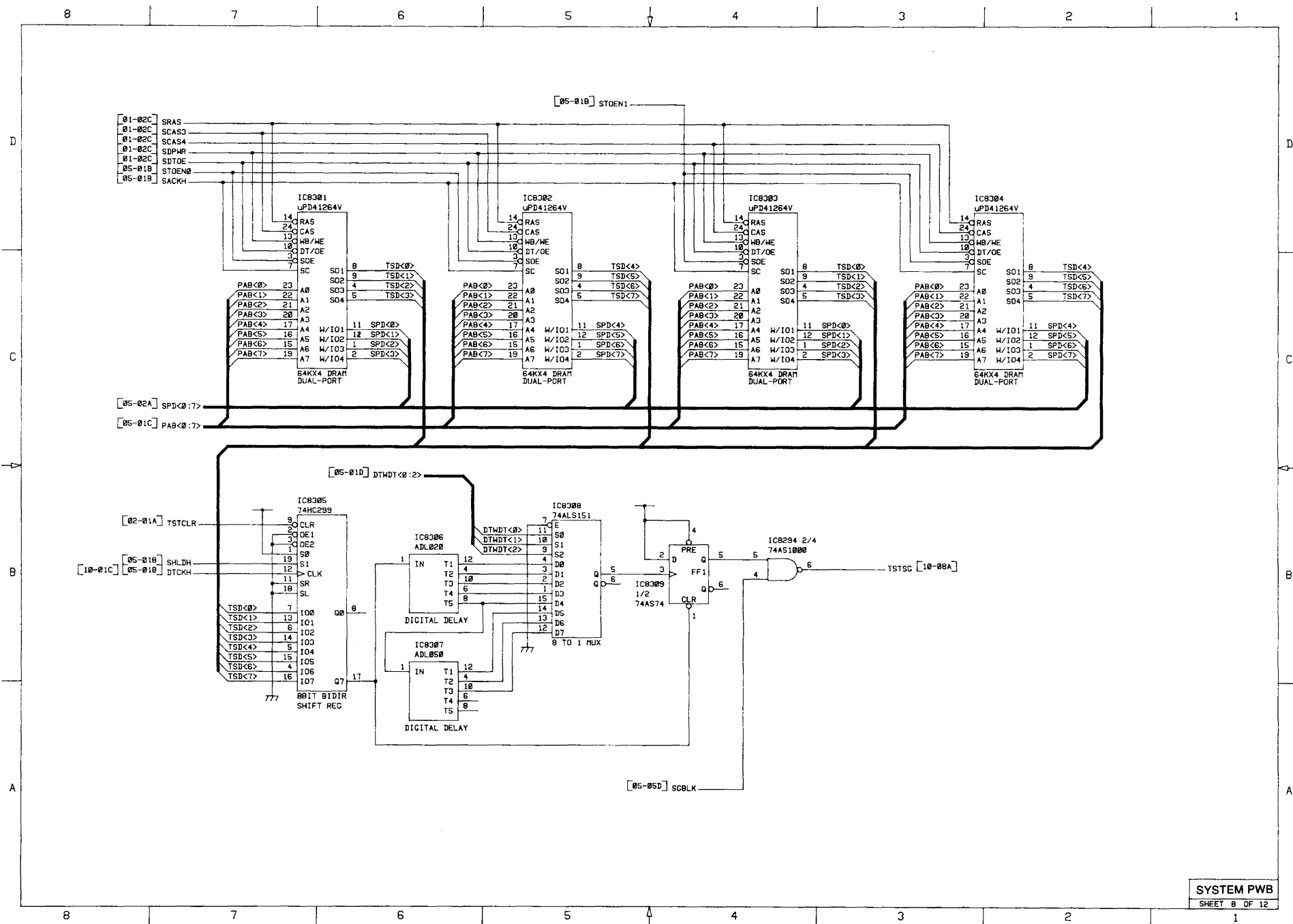




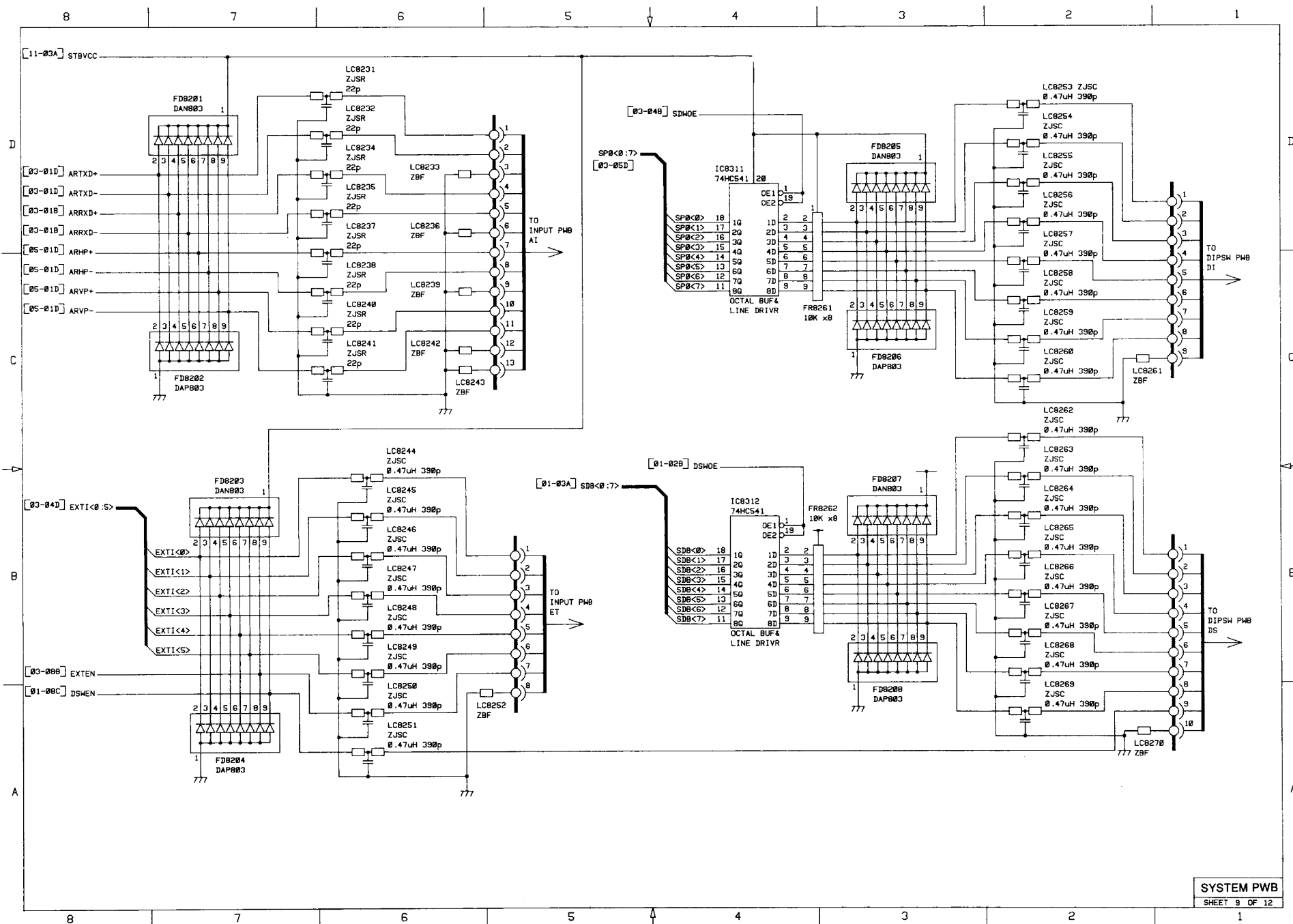
SYSTEM PWB
SHEET 4 OF 12

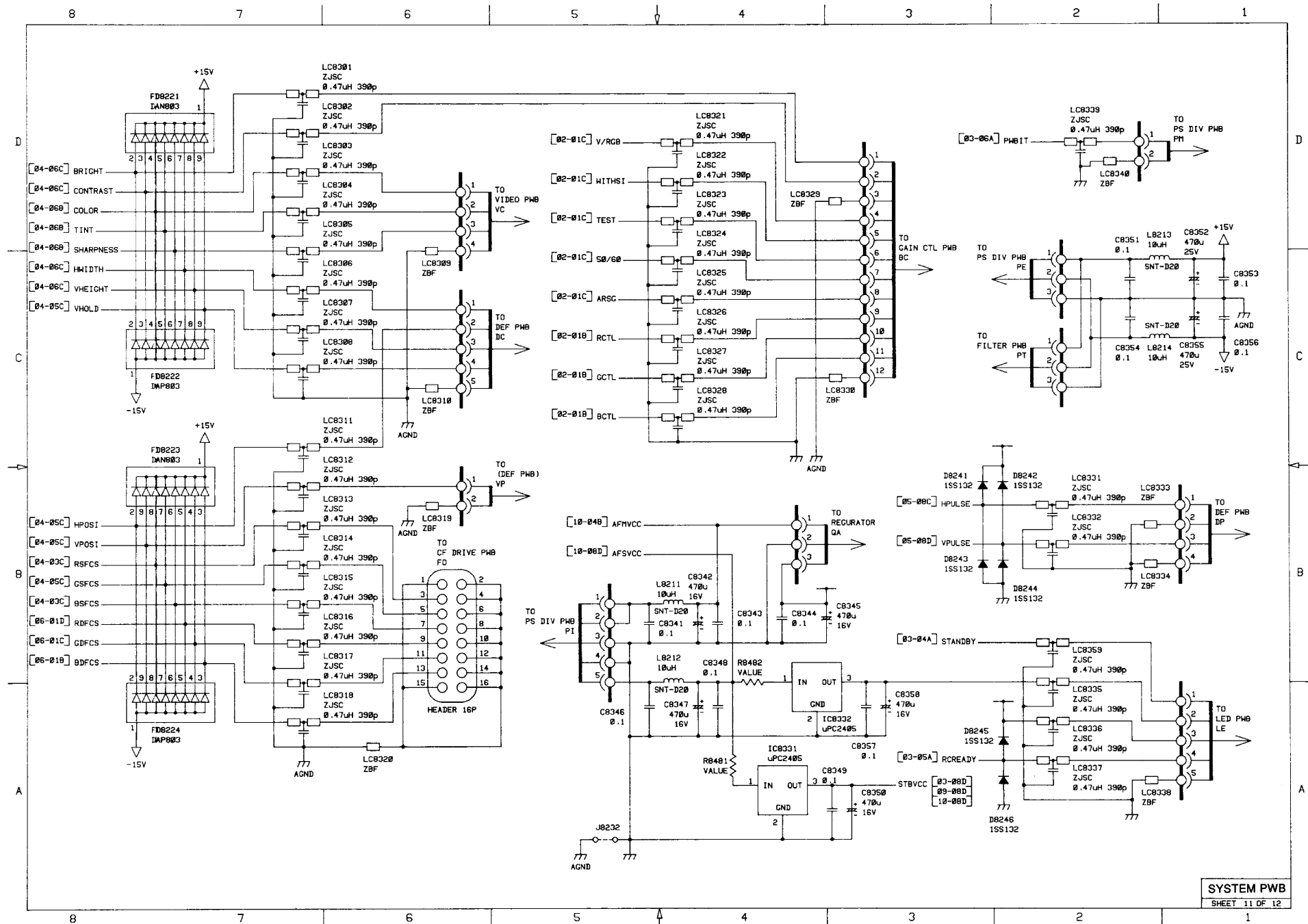


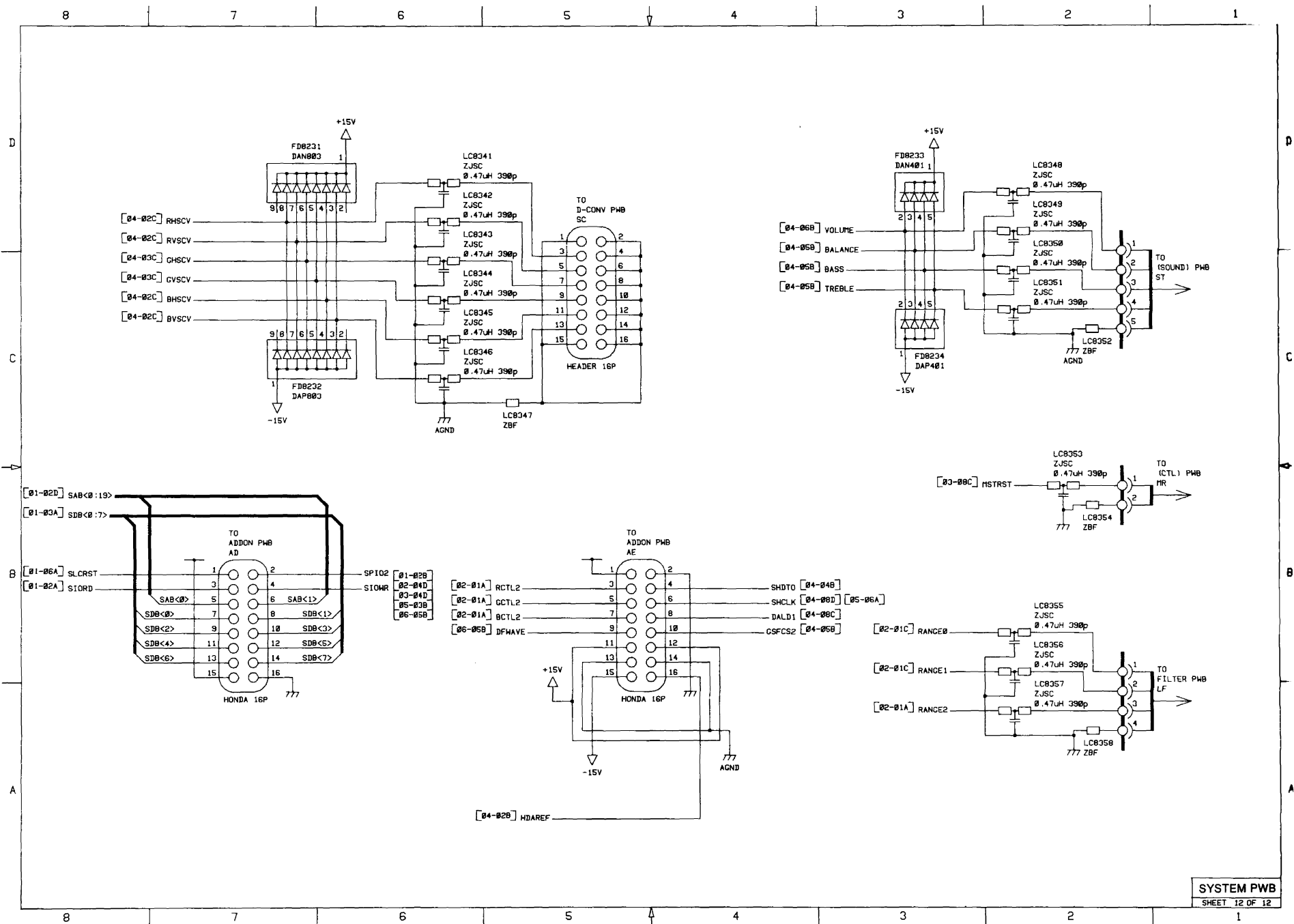
SYSTEM PWB
SHEET 7 OF 12



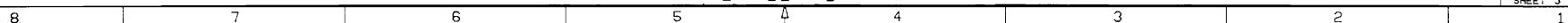
SYSTEM PWB
SHEET 8 OF 12

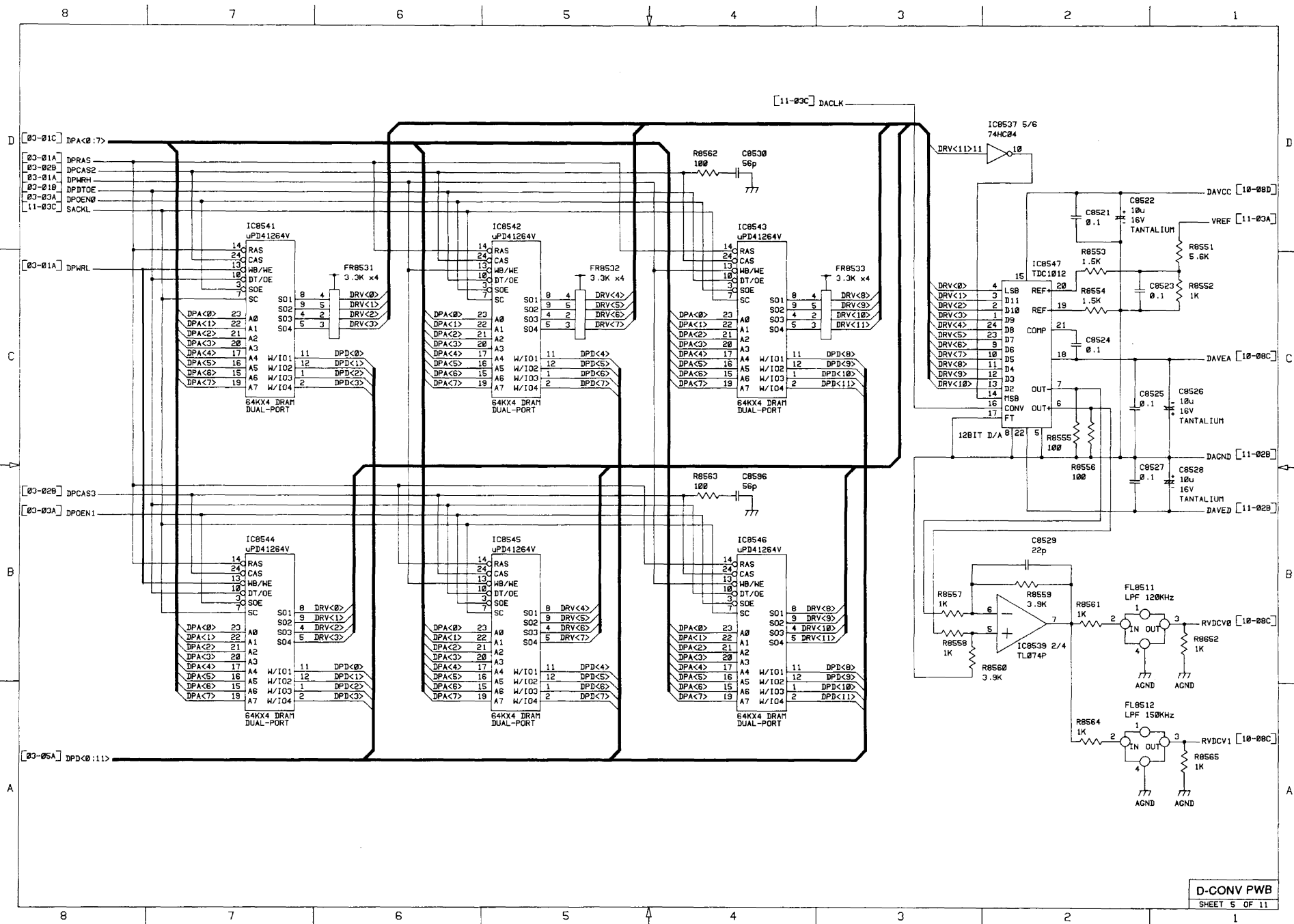




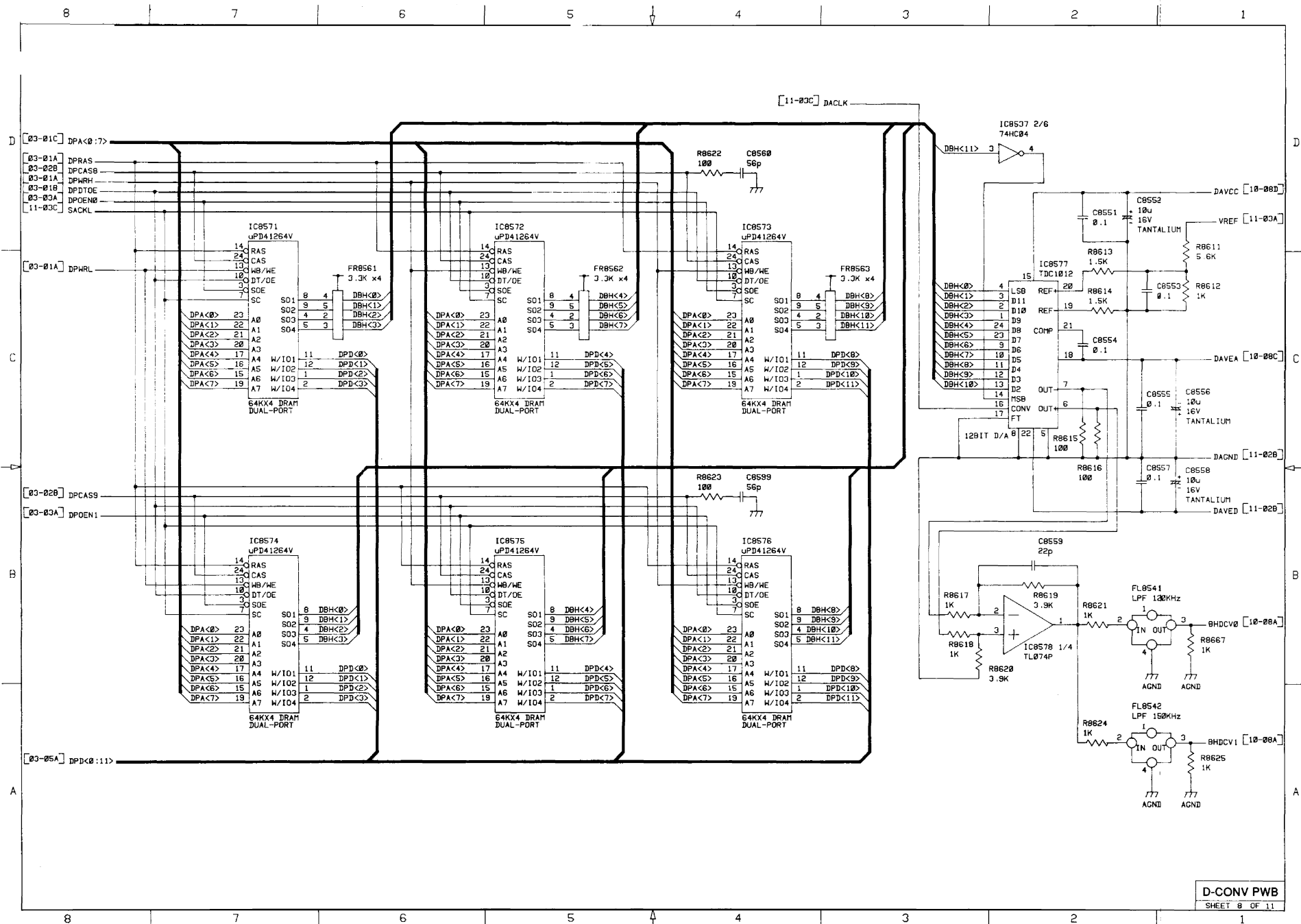




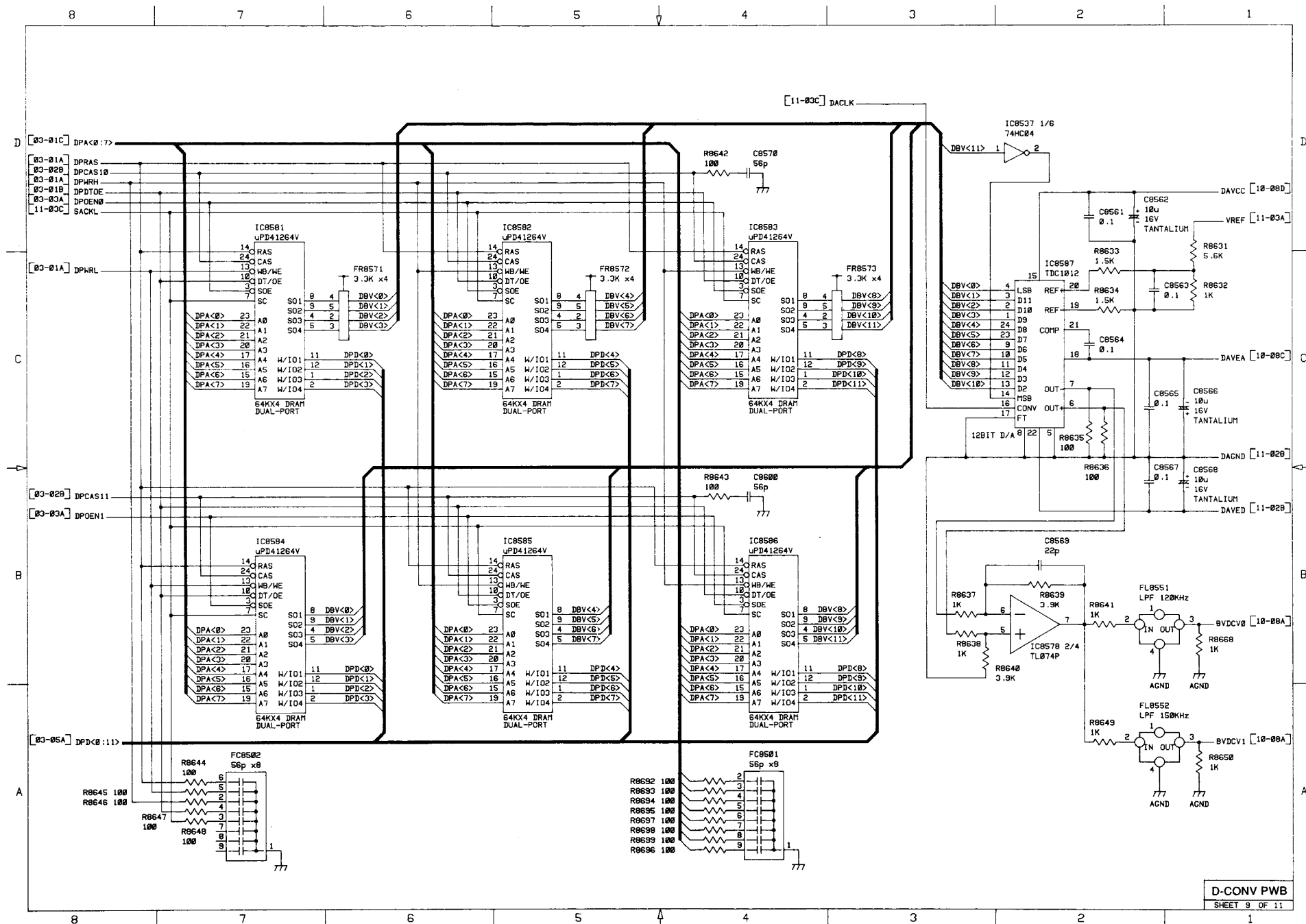




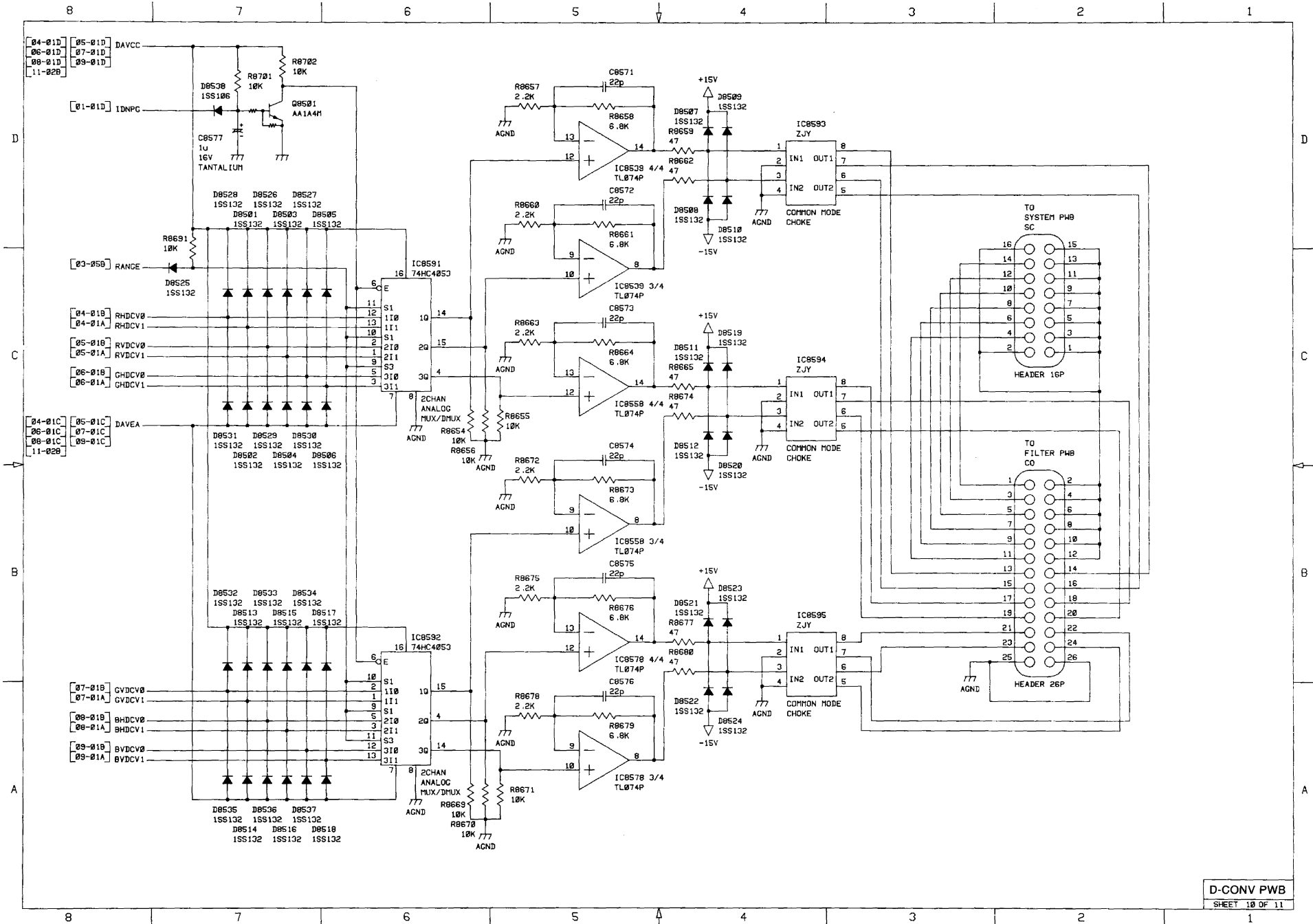
D-CONV PWB
SHEET 5 OF 11



D-CONV PWB
SHEET 8 OF 11



D-CONV PWB
SHEET 9 OF 11



D-CONV PWB
SHEET 10 OF 11

