E.C.N.	ZONE	REV	DESCRIPTION	DATE	BY	APPROVALS CHK	ME	EE	PE
89-0443		A	SEE ECN FOR DETAILS	6-7-89	LCD	JF			JM
89-0591		B	SEE ECN FOR DETAILS	7-20-89	LCD	JF			JM

CONNECTOR PIN IDENTIFICATION

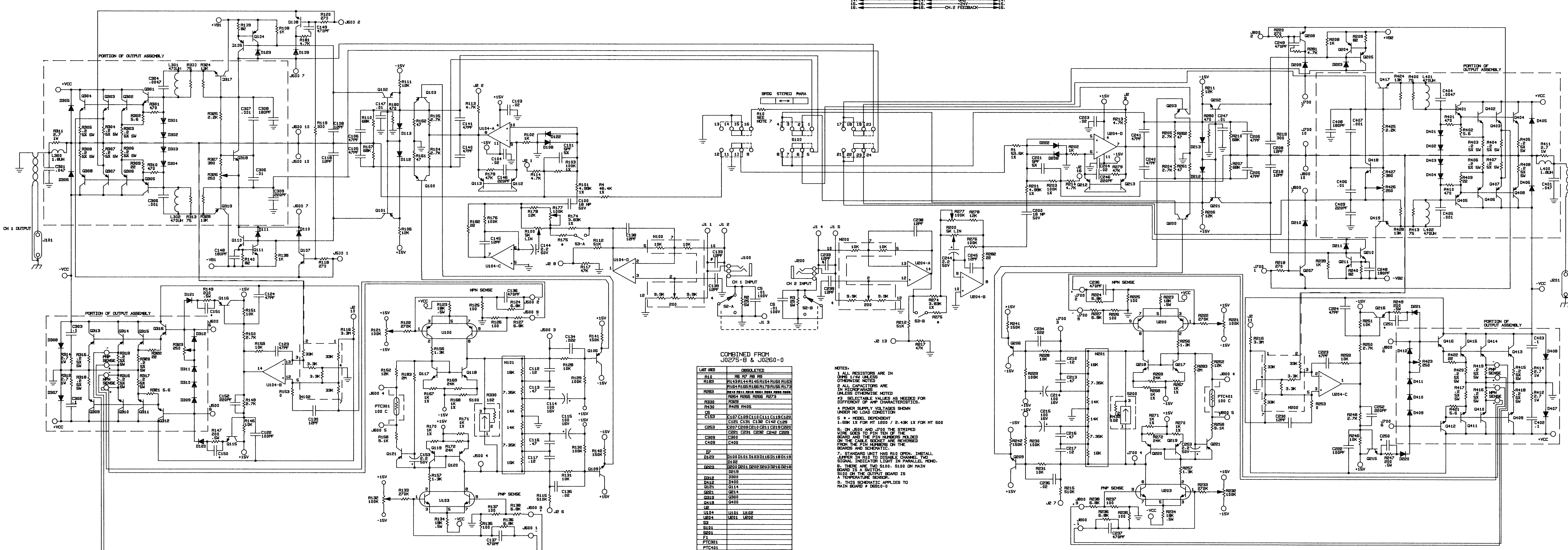
J3	J4		J2
1.	1.	CH.1 FEEDBACK	1.
2.	2.	HIGH SIDE ERROR AMP CH.1	2.
3.	3.	GND	3.
4.	4.	REMOTE STANDBY CH.1	4.
5.	5.	REMOTE STANDBY CH.2	5.
6.	6.	+ ODEP CH.1	6.
7.	7.	+ ODEP CH.2	7.
8.	8.	BAL. GAIN STAGE CH.1	8.
9.	9.	HIGH SIDE ERROR AMP CH.2	9.
10.	10.	+ VCC CH.1	10.
11.	11.	+ VCC CH.2	11.
12.	12.	-24V	12.
13.	13.	BAL. GAIN STAGE CH.2	13.
14.	14.	GND	14.
15.	15.	+24V	15.
16.	16.	CH.2 FEEDBACK	16.

J9
1. -VCC CH.2
2. -VCC CH.1
3. ENABLE LED
4. +24V
5. CH.2 BOOST SOURCE (AC)
6. CH.1 BOOST SOURCE (AC)

J10
1. CH.2 BOOST
2. SOURCE (AC)
3. CH.1 BOOST
4. SOURCE (AC)

J600 - J800
1. -PNP SENSE
2. - CURRENT LIMIT SENSE
3. -VCC
4. -PTC
5. +PTC
6. (600) CH.1 - LS DRIVE
(800) CH.2 - LS DRIVE
7. -LVA
8. -VB1
9. +PNP SENSE
10. (600) CH.1 FEEDBACK
(800) CH.2 FEEDBACK

J500 - J700
1. CURRENT LIMIT SENSE
2. + NPN SENSE
3. - ODEP
4. + ODEP
5. +VCC
6. (500) CH.1 + LS DRIVE
(700) CH.2 + LS DRIVE
7. + LVA
8. +VB1
9. - NPN SENSE
10. (500) CH.1 FEEDBACK
(700) CH.2 FEEDBACK



COMBINED FROM
J0275-8 & J0260-0

LAST USED	OBSOLETED
R10	R6 R7 R8 R9
R183	R143 R144 R145 R154 R160 R163
	R164 R165 R166 R179 R155 R173
R283	R243 R244 R245 R254 R256 R263 R255
	R264 R265 R266 R273
R330	R329
R430	R429 R405
C6	
C153	C107 C109 C110 C111 C119 C120
	C121 C131 C132 C142 C129
C253	C207 C209 C210 C211 C219 C220
	C221 C231 C232 C242 C229
C309	C300
C409	C400
D7	
D123	D100 D101 D103 D116 D118 D119
	D102
D223	D200 D201 D202 D203 D216 D218
	D219
D312	D300
D412	D400
Q121	Q114
Q221	Q214
Q319	Q300
Q419	Q400
U2	
U104	U101 U102
U204	U201 U202
S3	
S101	
S201	
F1	
PTC301	
PTC401	
L302	
L402	
N102	
N202	
T100	
T200	
E3	
TF1	
PTC2	
F100	
F200	

NOTES:

1 ALL RESISTORS ARE IN OHMS 1/4W UNLESS OTHERWISE NOTED

2 ALL CAPACITORS ARE IN MICROFARADS UNLESS OTHERWISE NOTED

#3 SELECTABLE VALUES AS NEEDED FOR DIFFERENT OP AMP CHARACTERISTICS.

4 POWER SUPPLY VOLTAGES SHOWN UNDER NO LOAD CONDITION

5 * - MODEL DEPENDENT
1.69K 1% FOR MT 1200 / 2.43K 1% FOR MT 600

6. ON J500 AND J700 THE STRIPED WIRE GOES TO PIN TEN OF THE BOARD AND THE PIN NUMBERS MOLDED ON THE CABLE SOCKET ARE REVERSED FROM THE PIN NUMBERS ON THE BOARDS AND SCHEMATIC.

7. STANDARD UNIT HAS R10 OPEN. INSTALL JUMPER IN R10 TO DISABLE CHANNEL TWO SIGNAL INDICATOR LIGHT IN PARALLEL MONO.

8. THERE ARE TWO S100. S100 ON MAIN BOARD IS A SWITCH.
S100 ON THE OUTPUT BOARD IS A TEMPERATURE SENSOR.

9. THIS SCHEMATIC APPLIES TO MAIN BOARD # D6910-0

crown
1718 W. MISHAWAKA RD.
ELKHART, INDIANA 46517
PHONE (219) 294-8000

MT 600/1200 MAIN WITH GROUND SWITCH

DRAWN	LCD	12-24-87	SCALE FULL	DO NOT SCALE PRINT
CHECKED	JF	2-2-88	PROJ D149	SUPERSEDES
APPROVED	J MARKS	2-2-88	X-	C.P.N. J0275-8 — REV B
NEXT ASSEMBLY				