


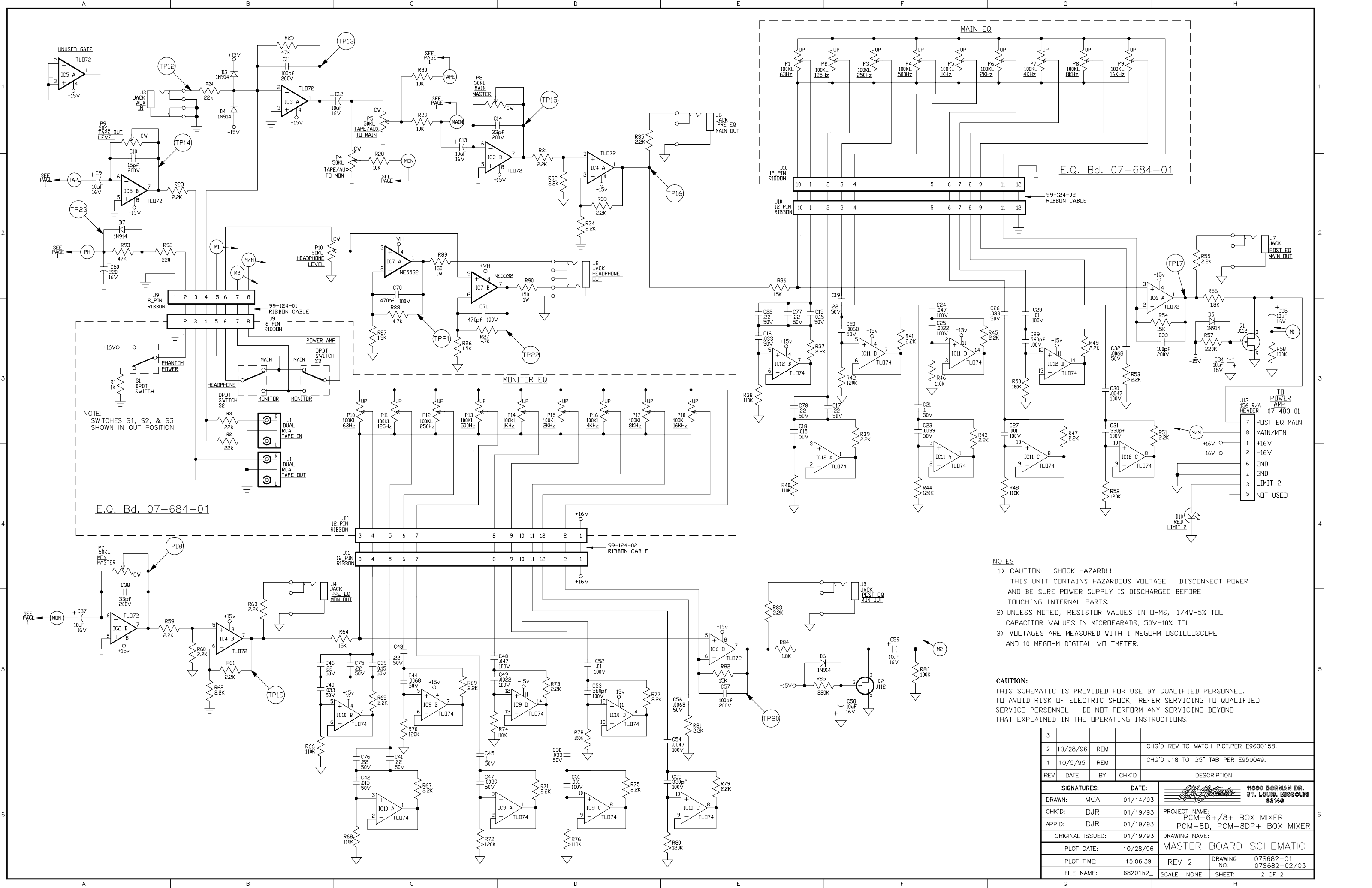
TP	WAVEFORM	AC RMS	DC
1		1V	—
2		3.8V	1.7V
3		3.8V	-1.9V
4		1.75V	37.3V
5		1.6V	37.7V
6		1.4V	38.3V
7		1.8V	-36.8V
8		1.65V	-37.1V
9		1.5V	-38V
10		23.2V	0V
11		1V	—
12		3.8V	1.7V
13		3.8V	-1.9V
14		1.75V	37.3V
15		1.6V	37.7V
16		1.4V	38.3V
17		1.8V	-36.8V
18		1.65V	-37.1V
19		1.5V	-38V
20		23.2V	0V

NOTES

- 1) CAUTION: SHOCK HAZARD!!
THIS UNIT CONTAINS HAZARDOUS VOLTAGE. DISCONNECT POWER AND BE SURE POWER SUPPLY IS DISCHARGED BEFORE TOUCHING INTERNAL PARTS.
- 2) UNLESS NOTED, RESISTOR VALUES IN OHMS, 1/4W-5% TOL. CAPACITOR VALUES IN MICROFARADS, 50V-10% TOL.
- 3) VOLTAGES ARE MEASURED WITH 1 MEGOHM OSCILLOSCOPE AND 10 MEGOHM DIGITAL VOLT METER.
- 4) CIRCUIT GROUND SWITCH GROUND CHASSIS GROUND
LED GROUND
- 5) USED ON "W" VERSIONS ONLY.
- 6) J5 AND J105 NOT USED ON "W" VERSIONS.

NOT USED	
R129	R144-R153
R140	C119-C131
Q111	C133-C136
	D112-D117
	Q116-Q118

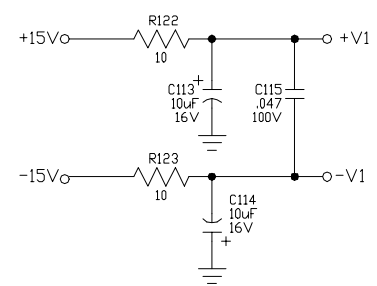
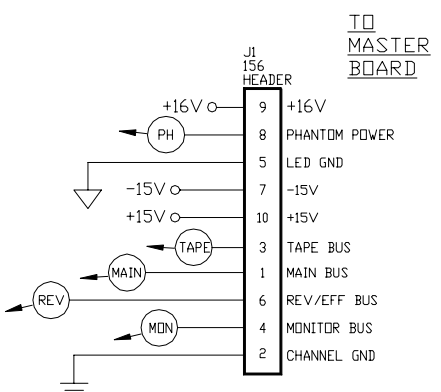
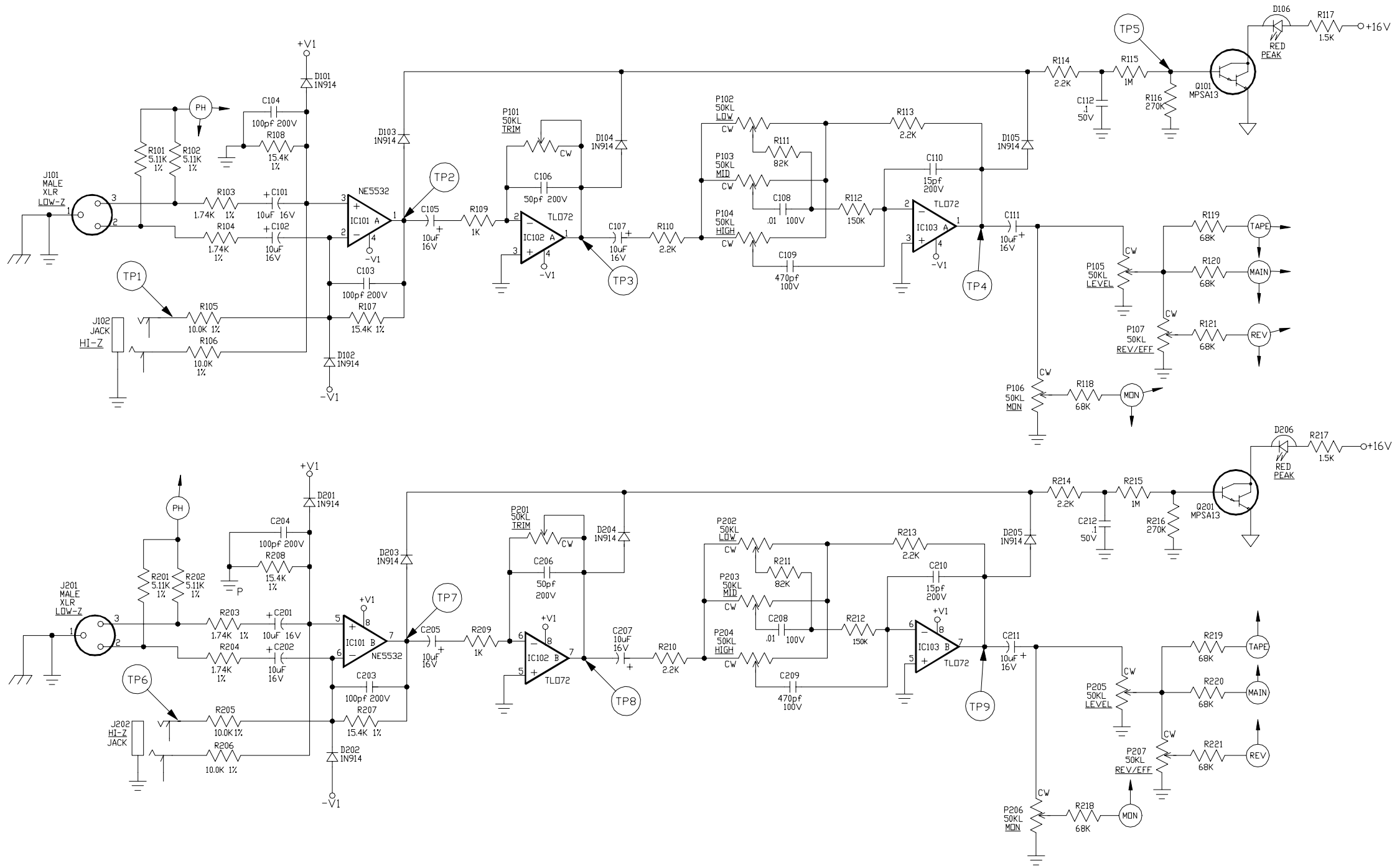
5				
4	7-6-98	RLB		UPDATE TO AGREE WITH PICTORIAL PER ECO 970710
3	06/11/97	SWR		SHOWED "W" VERSION SPEAKON CONNECTIONS & ADDED NOTES 5 & 6 PER ECO #970232.
2	02/17/97	MAG		CHG'D FUSE CLIPS AND FUSES PER ECO 970066.
1	08/08/94	LMA		CHG NAME FROM PCM-8D TO PCM-8DP+ DOC CHG ONLY-(NO REV CHG)
1	06/18/94	LMA		REV CHG TO REFLECT JUMPER CHG PER E150
REV	DATE	BY	CHK'D	DESCRIPTION
SIGNATURES:		DATE:		 1980 BORMAN DR. ST. LOUIS, MISSOURI 63146
DRAWN: ERW		3/17/93		
CHK'D:				
APP'D:				
ORIGINAL ISSUED:				PROJECT NAME: PCM-8DP+
PLOT DATE:		10/07/98		DRAWING NAME: POWER AMP SCHEMATIC
PLOT TIME:		07:35:57		DRAWING NO. 07S484-01/-30 REV. 4
FILE NAME:		48401H4		SCALE: 1:1 SHEET: 1 OF 2



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 - 2) UNLESS NOTED, RESISTOR VALUES IN OHMS, 1/4W-5% TOL. CAPACITOR VALUES IN MICROFARADS, 50V-10% TOL.
 - 3) VOLTAGES ARE MEASURED WITH 1 MEGOHM OSCILLOSCOPE AND 10 MEGOHM DIGITAL VOLT METER.

CAUTION: THIS SCHEMATIC IS PROVIDED FOR USE BY QUALIFIED PERSONNEL. TO AVOID RISK OF ELECTRIC SHOCK, REFER SERVICING TO QUALIFIED SERVICE PERSONNEL. DO NOT PERFORM ANY SERVICING BEYOND THAT EXPLAINED IN THE OPERATING INSTRUCTIONS.

3				
2	10/28/96	REM		CHG'D REV TO MATCH PICT.PER E9600158.
1	10/5/95	REM		CHG'D J18 TO .25" TAB PER E950049.
REV	DATE	BY	CHK'D	DESCRIPTION
SIGNATURES:		DATE:	11880 BORNAN DR. ST. LOUIS, MISSOURI 63148	
DRAWN:	MGA	01/14/93		
CHK'D:	DJR	01/19/93	PROJECT NAME: PCM-6+/8+ BOX MIXER	
APP'D:	DJR	01/19/93	PCM-8DP, PCM-8DP+ BOX MIXER	
ORIGINAL ISSUED:		01/19/93	DRAWING NAME: MASTER BOARD SCHEMATIC	
PLOT DATE:		10/28/96		
PLOT TIME:		15:06:39	REV 2	
FILE NAME:		68201h2_	DRAWING NO.	075682-01
			SCALE: NONE	SHEET: 2 OF 2




CONDITIONS:
LOW, MID, HIGH @ "5"
TRIM, LEVEL, MONITOR, REV/EFF @ "10"
INPUT 1KHz SINE WAVE 50mVrms

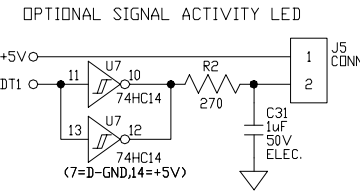
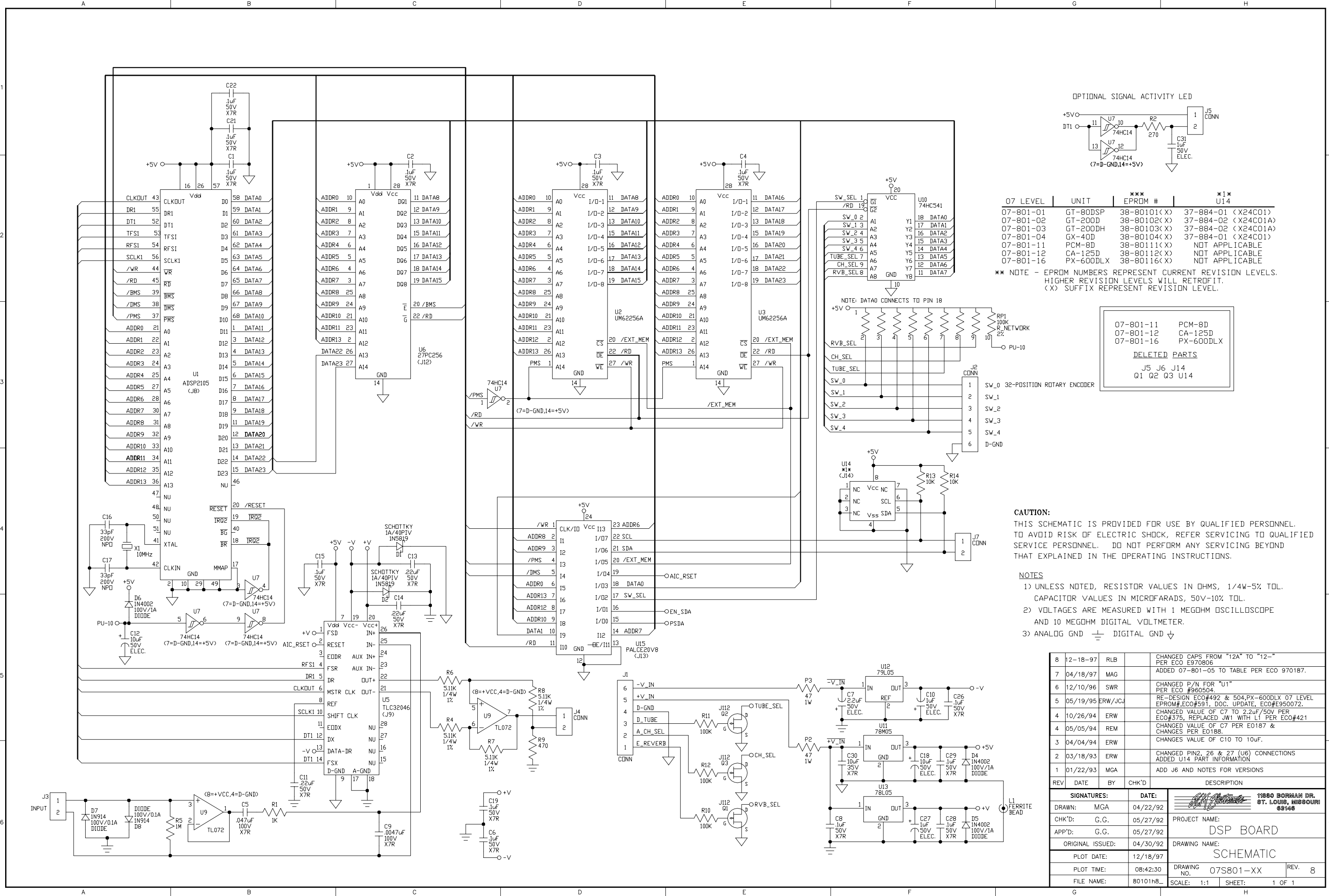
TEST POINTS	WAVEFORM	VOLTAGE (rms)	VOLTAGE (DC)
1		50mV	_____
2		75mV	_____
3		3.7V	_____
4		3.8V	_____
5	_____	_____	0.84V
6		50mV	_____
7		75mV	_____
8		3.7V	_____
9		3.8V	_____

NOTES

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- 3) VOLTAGES ARE MEASURED WITH 1 MEGOHM OSCILLOSCOPE AND 10 MEGOHM DIGITAL VOLTMMETER.
- 4) PREAMP GROUND \perp LED GROUND ∇

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3				
2				
1	10/28/96	REM		CHG'D REV TO MATCH PICT. PER E960158.
REV	DATE	BY	CHK'D	DESCRIPTION
SIGNATURES:			DATE:	 11860 BORMAN DR. ST. LOUIS, MISSOURI 63146
DRAWN: MGA		01/12/93		
CHK'D: RC		01/13/93		
APP'D: RC		01/13/93		
ORIGINAL ISSUED:		01/13/93		
PLOT DATE:			10/28/96	
PLOT TIME:			15:33:02	
FILE NAME:			68301h1_	
PROJECT NAME: PCM-8+ BOX MIXER				
DRAWING NAME: CHANNEL BRD SCHEMATIC				
REV 1		DRAWING NO.		07S683-01
SCALE: NONE		SHEET:		1 OF 1



07 LEVEL	UNIT	*** EPROM #	*1* U14
07-801-01	GT-80DSP	38-80101(X)	37-884-01 (X24C01)
07-801-02	GT-200D	38-80102(X)	37-884-02 (X24C01A)
07-801-03	GT-200DH	38-80103(X)	37-884-02 (X24C01A)
07-801-04	GX-40D	38-80104(X)	37-884-01 (X24C01)
07-801-11	PCM-8D	38-80111(X)	NOT APPLICABLE
07-801-12	CA-125D	38-80112(X)	NOT APPLICABLE
07-801-16	PX-600DLX	38-80116(X)	NOT APPLICABLE

*** NOTE - EPROM NUMBERS REPRESENT CURRENT REVISION LEVELS. HIGHER REVISION LEVELS WILL RETROFIT. (X) SUFFIX REPRESENT REVISION LEVEL.

07-801-11	PCM-8D
07-801-12	CA-125D
07-801-16	PX-600DLX
DELETED PARTS	
J5 J6 J14	Q1 Q2 Q3 U14

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- NOTES**
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 - VOLTAGES ARE MEASURED WITH 1 MEGOHM OSCILLOSCOPE AND 10 MEGOHM DIGITAL VOLT METER.
 - ANALOG GND $\frac{\perp}{\perp}$ DIGITAL GND ∇

REV	DATE	BY	CHK'D	DESCRIPTION
8	12-18-97	RLB		CHANGED CAPS FROM "12A" TO "12-" PER ECO E970806
7	04/18/97	MAG		ADDED 07-801-05 TO TABLE PER ECO 970187.
6	12/10/96	SWR		CHANGED P/N FOR "U1" PER ECO #960504.
5	05/19/95	ERW/JCJ		RE-DESIGN ECO#492 & 504,PX-600DLX 07 LEVEL EPROM#ECO#591, DOC. UPDATE, ECO#E950072.
4	10/26/94	ERW		CHANGED VALUE OF C7 TO 2.2uF/50V PER ECO#375, REPLACED JW1 WITH L1 PER ECO#421
4	05/05/94	REM		CHANGED VALUE OF C7 PER E0187 & CHANGES PER E0188.
3	04/04/94	ERW		CHANGES VALUE OF C10 TO 10uF.
2	03/18/93	ERW		CHANGED PIN2, 26 & 27 (U6) CONNECTIONS ADDED U14 PART INFORMATION
1	01/22/93	MGA		ADD J6 AND NOTES FOR VERSIONS

SIGNATURES:		DATE:	
DRAWN: MGA	04/22/92		
CHK'D: G.G.	05/27/92	PROJECT NAME:	
APP'D: G.G.	05/27/92	DSP BOARD	
ORIGINAL ISSUED:	04/30/92	DRAWING NAME:	
PLOT DATE:	12/18/97	SCHEMATIC	
PLOT TIME:	08:42:30	DRAWING NO.	07S801-XX
FILE NAME:	80101h8_	SCALE: 1:1	SHEET: 1 OF 1