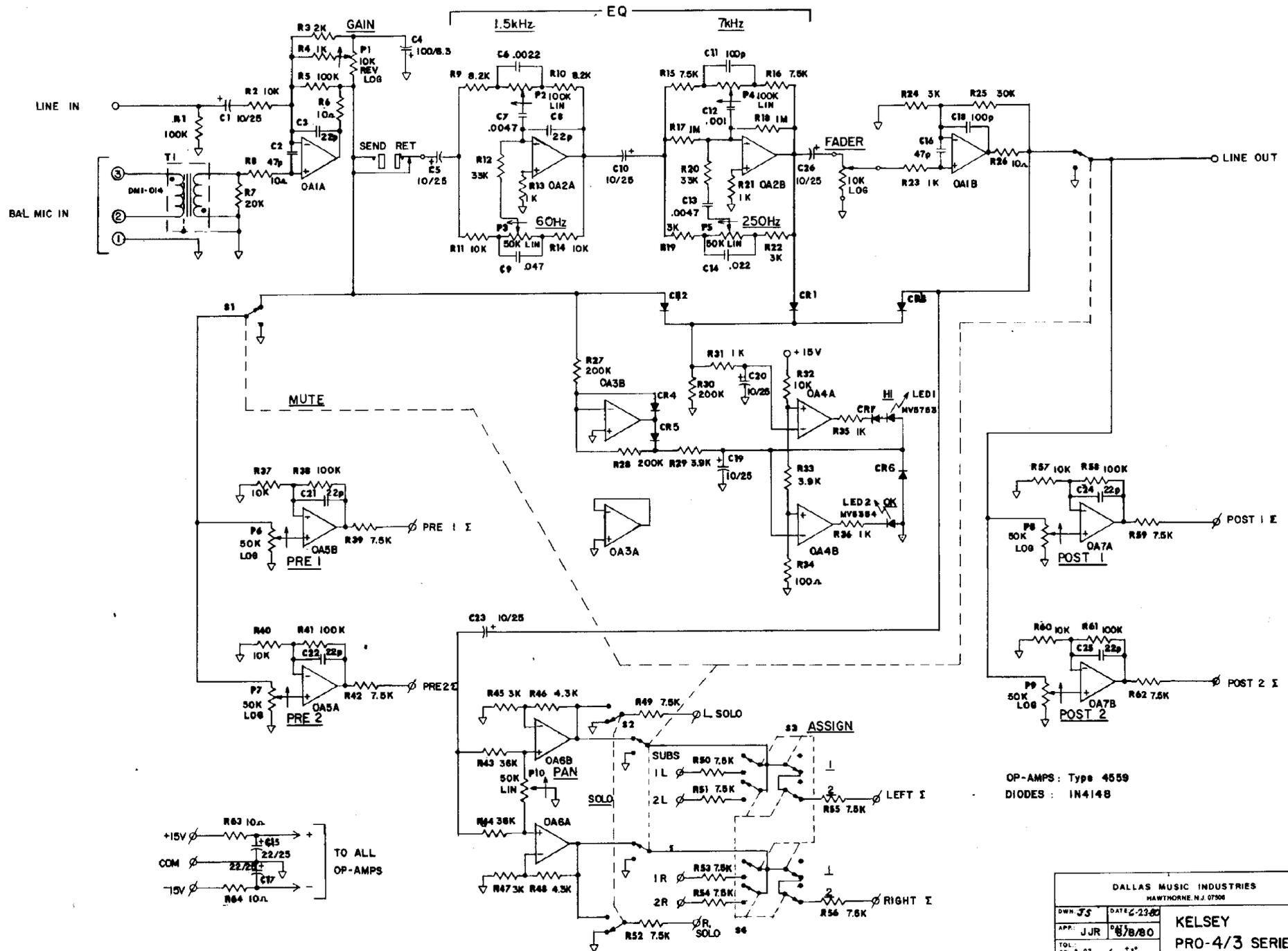


TYPICAL INPUT CHANNEL
(1 OF 12, 16 OR 24)

DALLAS MUSIC INDUSTRIES HAWTHORNE, N.J. 07306	
DWN JS	DATE 2/80
APP. JJR	DATE 5/5/80
TOL: DIM. 02 ± .01 HOLE .01 FRACT 2/64	KELSEY PRO-4/3 SERIES BLOCK DIAGRAM
MATL.	
FINISH	DWG No. 2503221
SCALE --	REV. 00
DO NOT SCALE DRAWING	



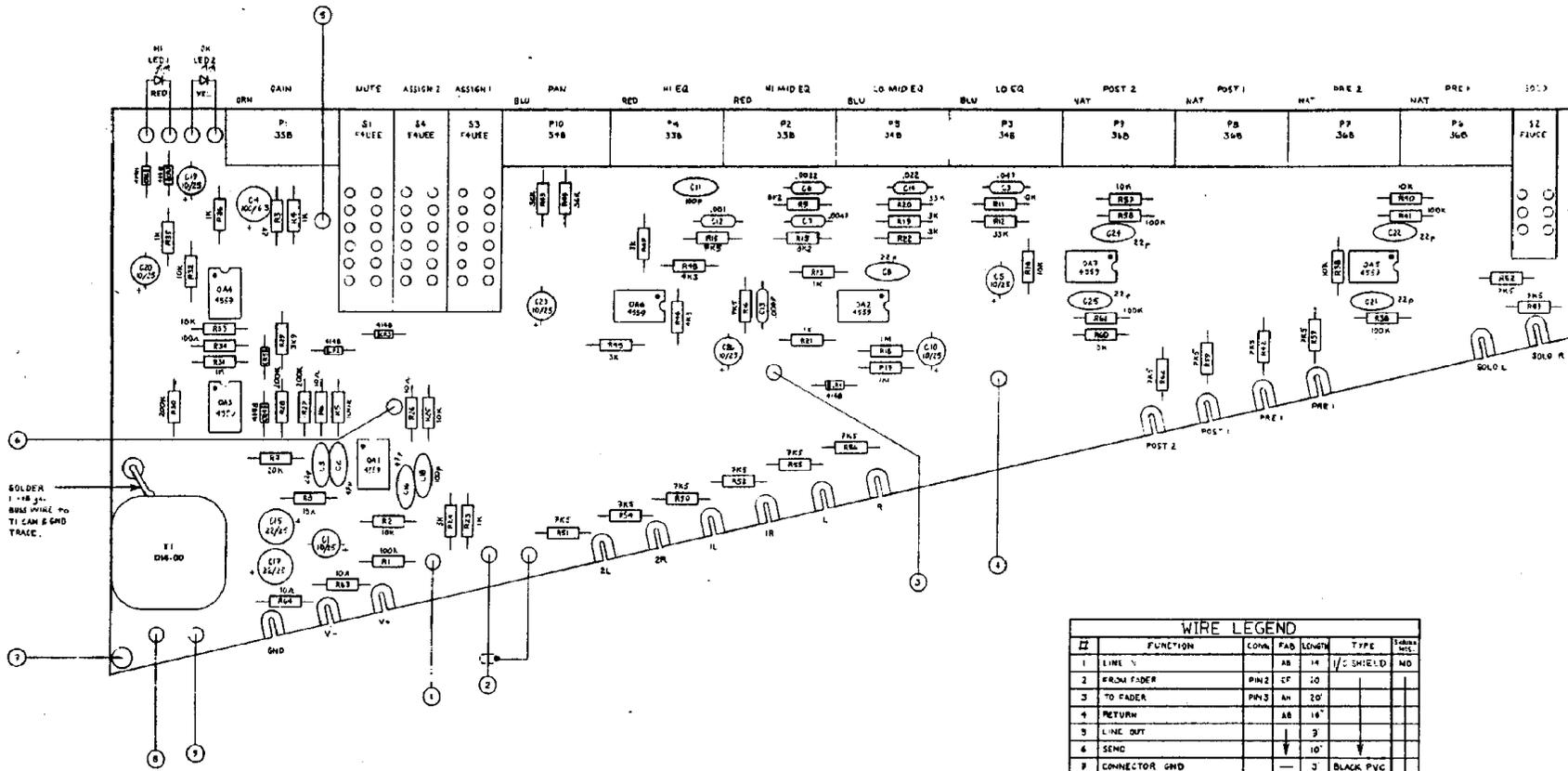
FOUR 10-LED ARRAYS
A1
A2
A3
ARRAY CONNECTION POINTS



OP-AMPS: Type 4559
 DIODES: IN4148

DALLAS MUSIC INDUSTRIES HAWTHORNE, N.J. 07306	
DWN JS	DATE 2-23-80
APP: JJR	DATE 8/8/80
TOL: 2.03	FRAC: 1/16
MATL:	
FINISH:	
DWG NO: 2104267	REV: 00
SCALE:	DO NOT SCALE DRAWING

CG = 10



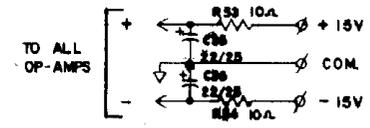
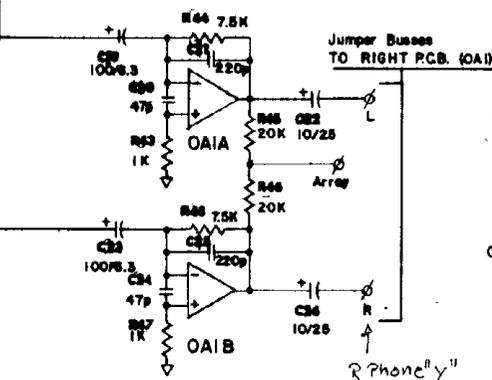
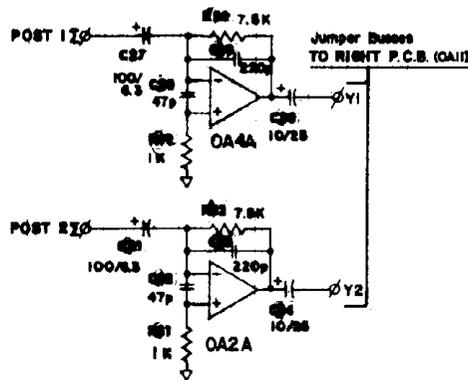
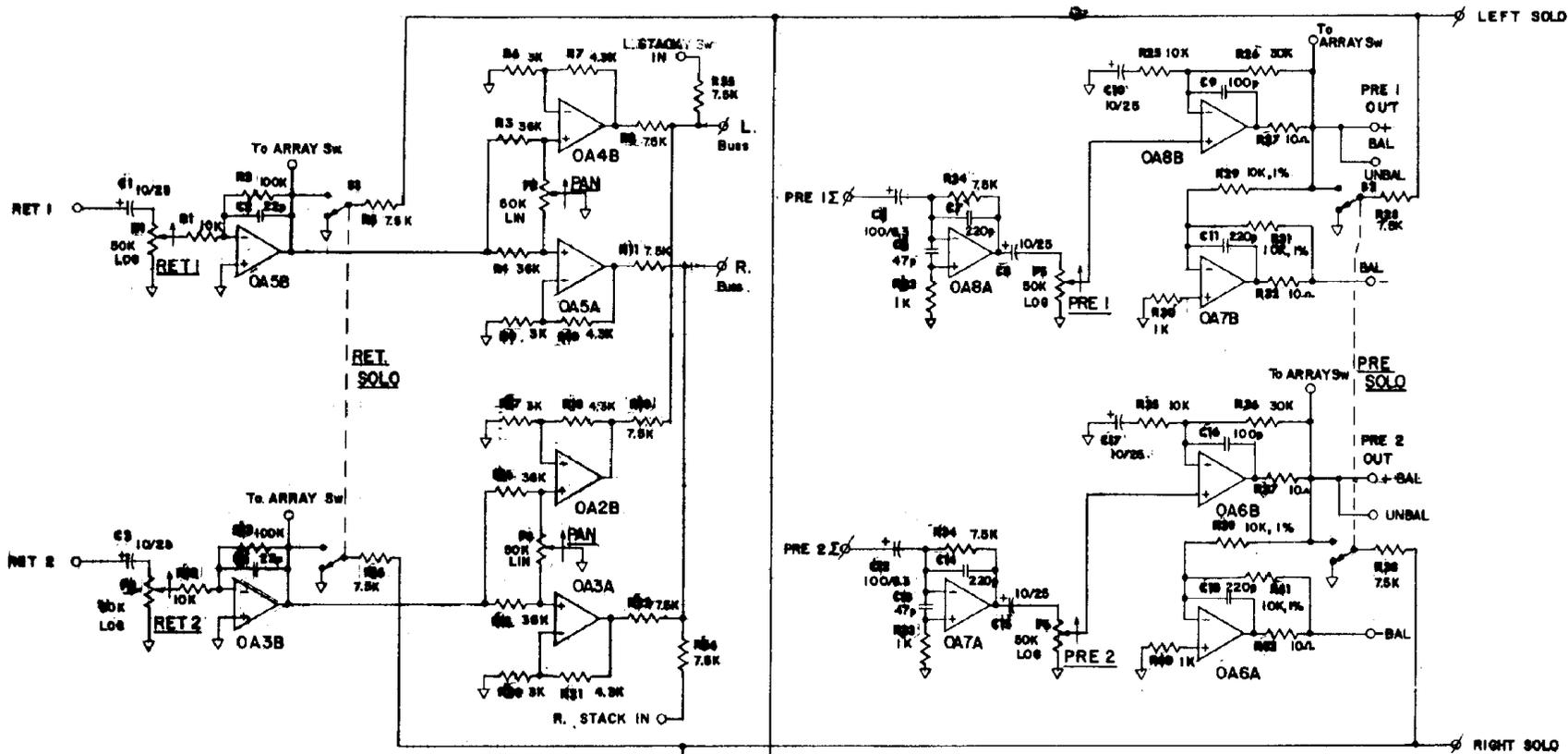
SOLDER
1-18 21-
BUNG WIRE TO
TI CAN & GND
TRACE.

#	NOTES	REV	ECO	DESCRIPTION	DATE
1	SEE REFERENCE DWG. 2201287-01 PCB ASSY NOTES	01		T1 VALUE	
02	184 ADD CR2; ADD GND WIRE HOLE AT T1.				7-28-80
03	172 CHANGE WIRE LEGEND				12-5-80
04	170 REDRAWN				1-9-81
05	173 COMPONENT VALUE				9-24-81

#	FUNCTION	CONN	PAD	LENGTH	TYPE	SHIELDING
1	LINE IN	AB	14		1/2 SHIELD	NO
2	FROM FADER	PN2	CF	20		
3	TO FADER	PN3	AN	20		
4	RETURN		AB	18		
5	LINE OUT			2		
6	SEND			10		
7	CONNECTOR GND			3	BLACK PVC	
8	MIC IN +	PN3		5	BLUE PVC	
9	MIC IN -	PN2		5	YELLOW PVC	

DALLAS MUSIC INDUSTRIES
HAWTHORNE, N.J. 07038

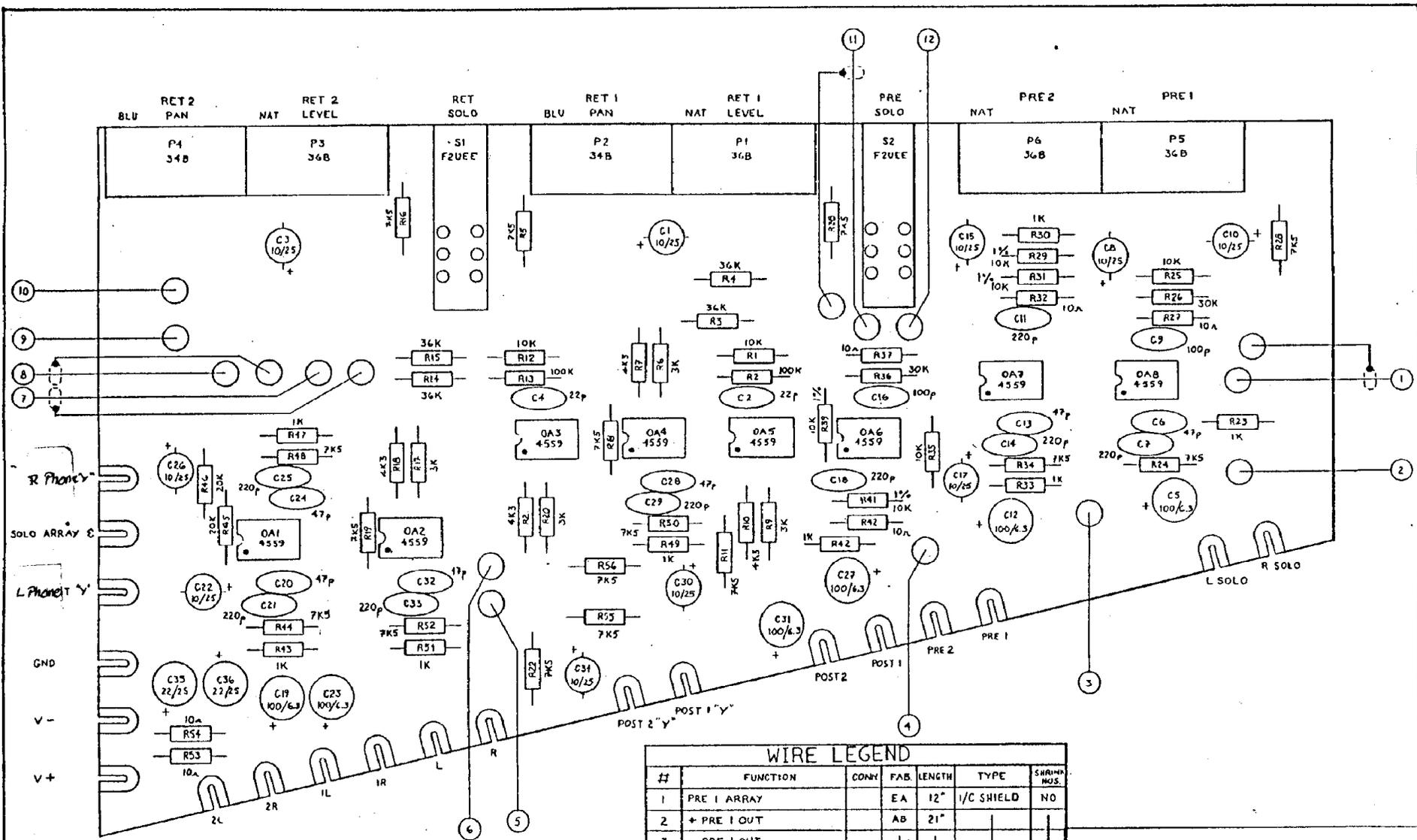
DWG NO: 2201287-01	REV: 05	DATE: 12/5/80	DESIGNED BY: JJA
APP: JJA	DATE: 12/5/80	PAID 4/3	SCALE: 1:1
BY: JJA	DATE: 12/5/80	BY: JJA	DATE: 12/5/80
MATERIAL: ABS/PC		ASSEMBLY: LMG	
FINISH: 1	DWG NO: 2201287	REV: 05	SCALE: 2:1
DO NOT SCALE DRAWING			



OP-AMPS : Type 4559

Subsidiary switch in RET 1, 2

DALLAS MUSIC INDUSTRIES HAWTHORNE, N.J. 07086	
DWG# 2104268	DATE: 2-5-80
APP: JJR	CHK: 6/18/80
TOL: 1/16" ± 0.01	FRACT: 2/16"
MATL:	
FINISH:	
DWG# 2104268	REV: 00
SCALE:	NO NOT SCALE DRAWING



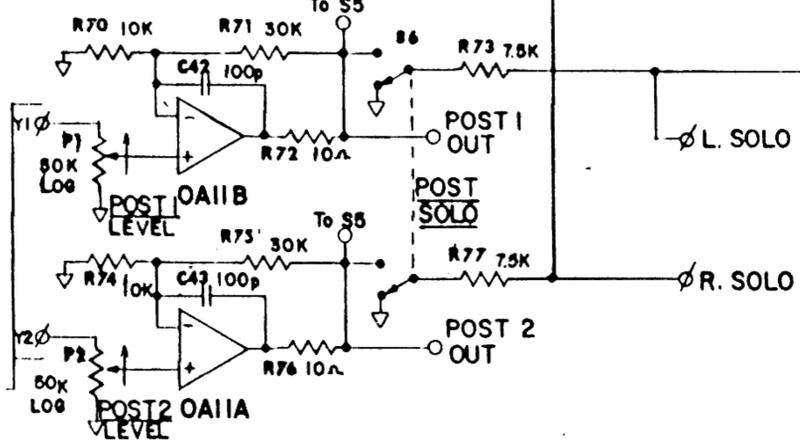
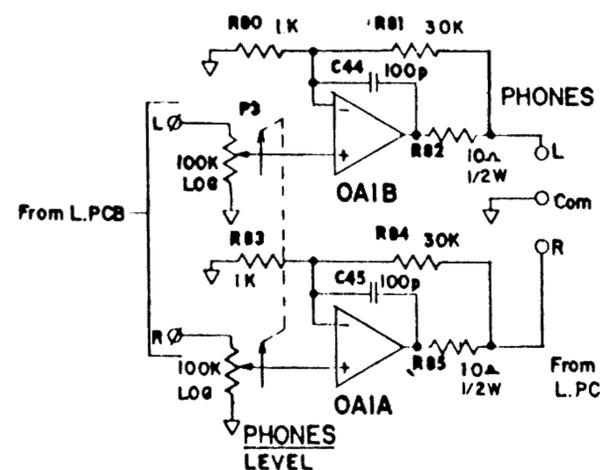
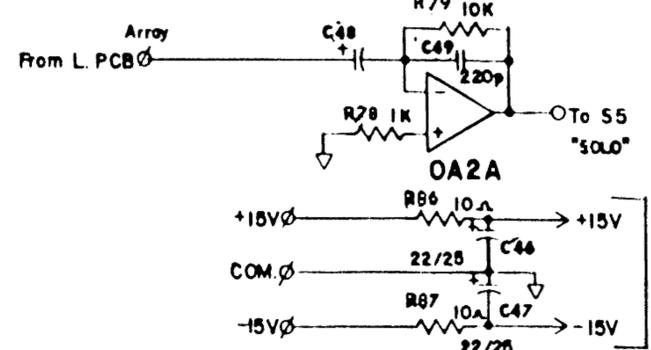
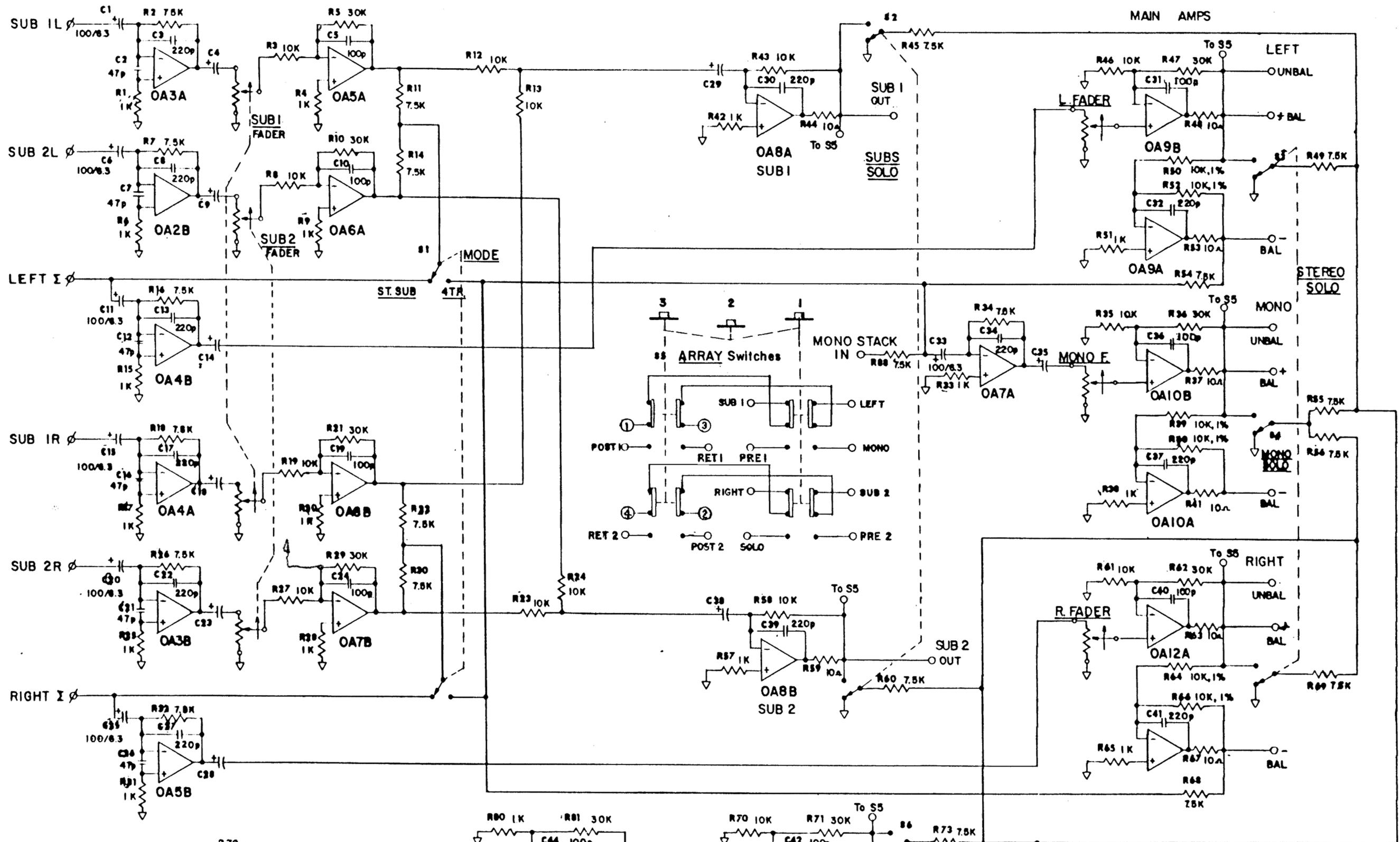
#	FUNCTION	CONV	FAB.	LENGTH	TYPE	SHRIMP NOS.
1	PRE 1 ARRAY		EA	12"	1/C SHIELD	NO
2	+ PRE 1 OUT		AB	21"		
3	- PRE 1 OUT					
4	- PRE 2 OUT					
5	LEFT STACK INPUT			19"		
6	RIGHT STACK INPUT			19"		
7	RETURN 1 ARRAY		EA	7"		
8	RETURN 2 ARRAY		EA	7"		
9	RETURN 1 INPUT		AB	12"		
10	RETURN 2 INPUT		AB	12"		
11	PRE 2 ARRAY		EA	10"		
12	+ PRE 2 OUT		AE	19"		

DALLAS MUSIC INDUSTRIES
HAWTHORNE, N.J. 07508

DWN: JJD DATE: 1-9-81
APP: JJR DATE: 1/21/81
VOL: 14 2 02 4 51°
FR: 3 01 FRACT: 1/64
MATL:
FINISH:

KELSEY:
PRO 4/3 SERIES
LEFT MASTER P.C.B. ASSY.
ASSEMBLY DWG.
DWG. No. 2203268 REV. 01
SCALE: 2:1 DO NOT SCALE DRAWING

#	NOTES	REV	ECO	DESCRIPTION	DATE
1	SEE REFERENCE DWG. 2201287-01 PCB ASSY NOTES.	01	170	REDRAWN	1-9-81



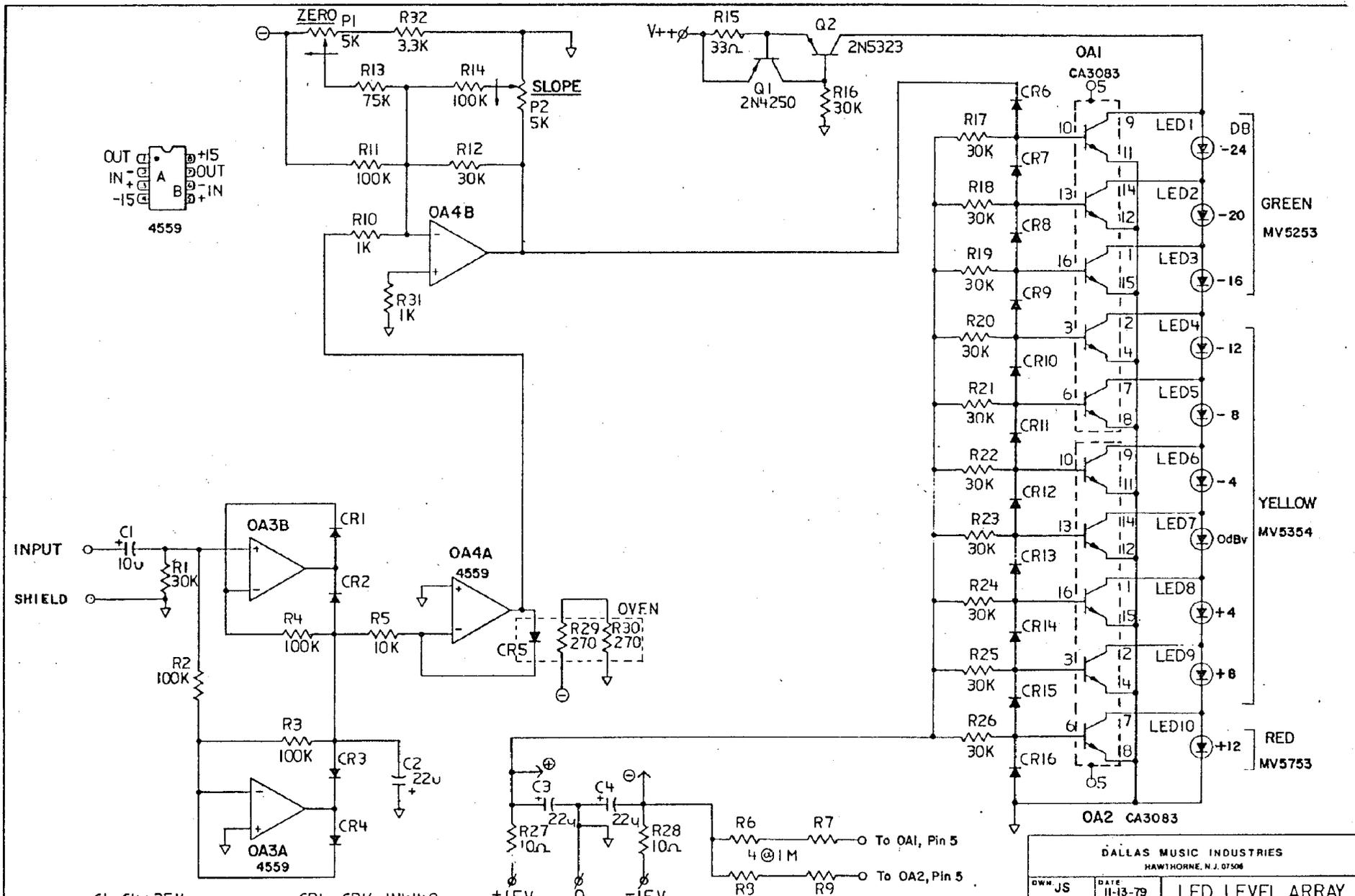
OP-AMPS: Type 4559
 UNMARKED CAPS: 10mF/25V
 ALL FADERS: 10K, LOG

DALLAS MUSIC INDUSTRIES
 HAWTHORNE, N.J. 07006

DRW JS	DATE 7-1-80
APP JJR	DATE 8-11-80
TOL	2 02 2 1
FRAC	2 1/4
MATL	
FINISH	

KELSEY
PRO 4/3 SERIES
RIGHT MASTER
P.C. BOARD

2104269 00
 SCALE DO NOT SCALE DRAWING



C1 - C4 : 25V.

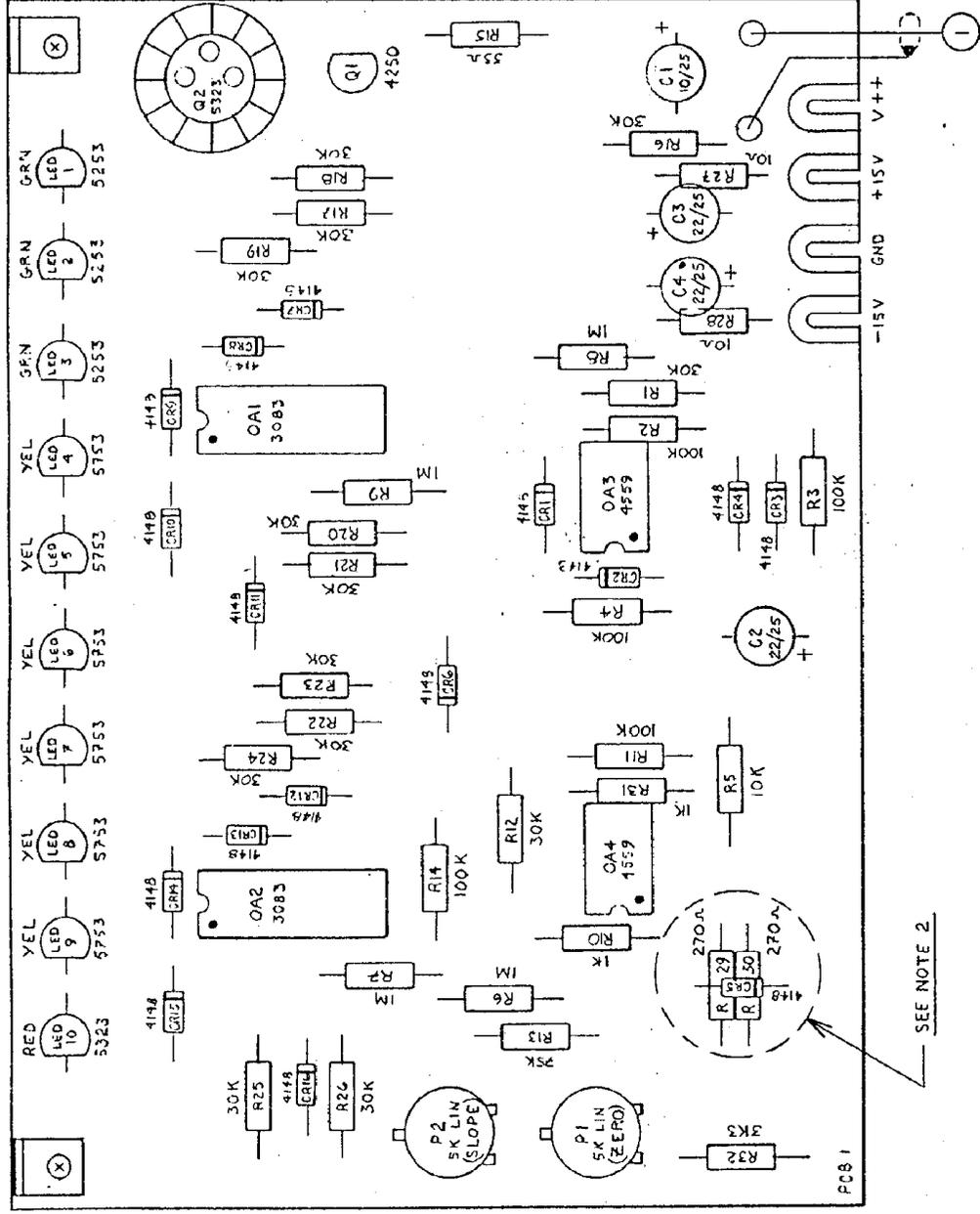
CR1 - CR16: 1N4148

+15V 0 -15V

R6 R7 To OA1, Pin 5
R8 R9 To OA2, Pin 5

DALLAS MUSIC INDUSTRIES HAWTHORNE, N. J. 07508			
DWG. JS	DATE 11-13-79	LED LEVEL ARRAY SCHEMATIC	
APP. JJR	DATE 11-13-79		
TOL: 1/16" 2.02 2.1"		FRACT: 2/64	
FINISH:		DWG. NO. 2103 252	REV 01
SCALE: --		DO NOT SCALE DRAWING	

+12 JBV + 9 JBV + 4 JBV 0 JBV - 4 JBV - 8 JBV -12 JBV -16 JBV -20 JBV -24 JBV



WIRE LEGEND					
#	FUNCTION	CONN.	FAB. LENGTH	TYPE	SHRINK NOS.
1	INPUT		EA 15"	1/C S	NO

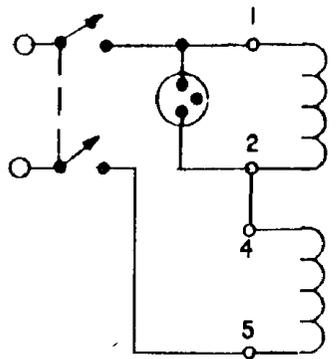
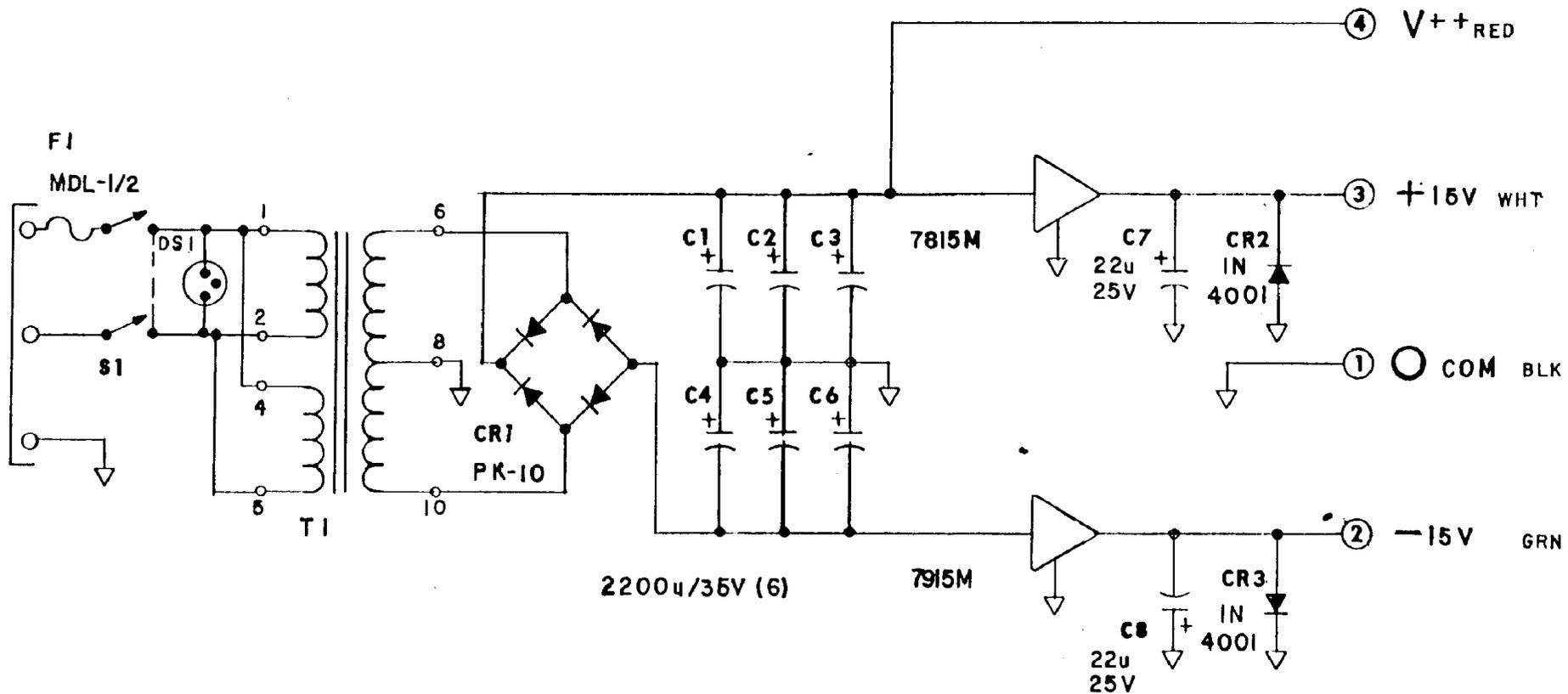
NOTES	
1	SEE REF. DWG. 22G1297-01 PCB ASSY NOTES.
2	ADD SILICON R.T.V. TO R29, R30, & CR5

REV	ECO	DESCRIPTION	DATE
01	158	CHANGE WIRE LENGTH	9-13-80
02	159	CHANGE SERIES NAME	10-7-80
03	160	CHANGE SERIES NAME	10-7-80
04	170	REDRAWN	1-15-81

DALLAS MUSIC INDUSTRIES

HAWTHORNE, N.J. 07506

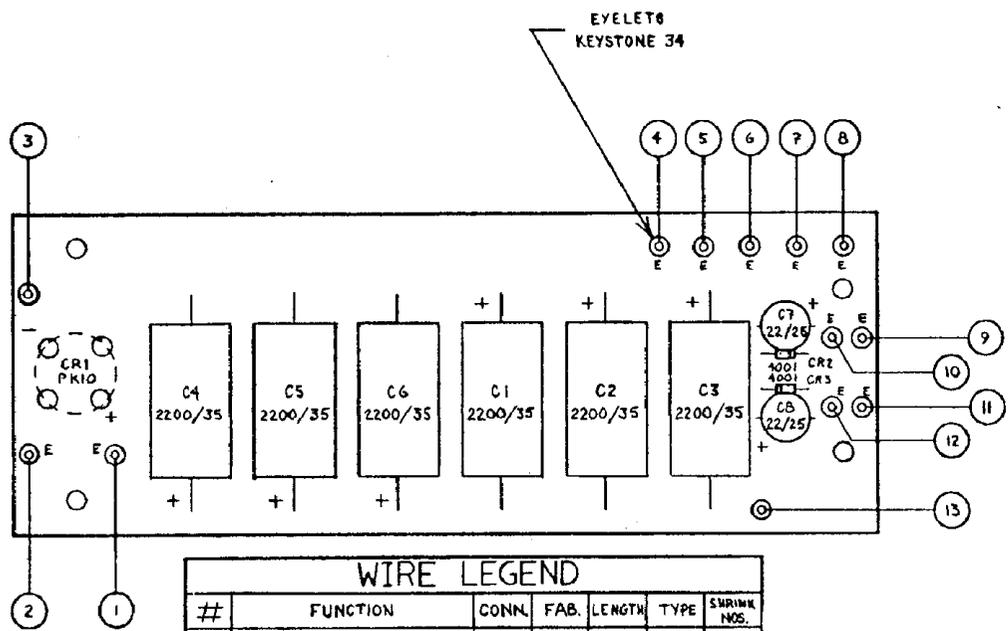
DWN.: JJD	DATE: 1/15/81	KELSEY:	STAGEMIX +4; PRO 4/3;
APP: JJR	DATE: 1/24/81		PRO TOUR 8/3; SOUNDPRISM
TOL: ±.02	FRAC: ±1/64		SERIES.
EXX: ±.01			LED ARRAY ASSY.
MATL:			ASSEMBLY DWG.
FINISH:		DWG. NO.: 2202252	REV.: 04
		SCALE: 2:1	DO NOT SCALE DRAWING



FOR 230 VAC

DALLAS MUSIC INDUSTRIES HAWTHORNE, N.J. 07506		
DWN: JS	DATE: 8/5/80	KELSEY Model 193 POWER SUPPLY
APP: JJR	DATE: 8/6/80	
TOL: xx: ± .02 \angle ± 1° xxx: ± .01 FRACT: ± 1/64		
MATL:		
FINISH:		DWG. No. 2102270
		REV. 00
SCALE:		DO NOT SCALE DRAWING

REV	ECO	DESCRIPTION	DATE
01	173	REDRAWN	1-26-81



#	NOTES
1	INSTALL EYELETS AT 'E' HOLES.
2	DO NOT SOLDER CR1 TO PCB UNTIL MOUNTED ON CHASSIS.
3	ALL WIRES 18 AWG 1/C UNLESS OTHERWISE SPECIFIED

WIRE LEGEND						
#	FUNCTION	CONN.	FAB.	LENGTH	TYPE	SHRINK NOS.
1	GND			7"	BLACK	NO
2	T1 SECONDARY	CR1		5 1/2"	GREEN	
3	T1 SECONDARY	CR1		5 1/2"	GREEN	
4	INPUT	Q2		5"	YEL	
5	INPUT	Q1		3"	RED	
6	V++	A4F		6'	RD, 1/C	
7	GND	Q1,2		3"	BLACK	
8	GND			11 1/2"	BLACK	
9	+15v OUTPUT	A4F		6'	WH, 1/C	
10	OUTPUT	Q1		3"	WHITE	
11	-15v OUTPUT	A4F		6'	GN, 1/C	
12	OUTPUT	Q2		5"	GREEN	
13	GND	A4F		6'	BK 1/C	✓

DALLAS MUSIC INDUSTRIES HAWTHORNE, N.J. 07506			
DWN: JJD	DATE: 1-26-81	KELSEY:	
APP: SJR	DATE: 11-28-81	PRO 4/3 SERIES	
TOL: KK: ±.02	FRACT: 21/64	POWER SUPPLY P.C.B. ASSY.	
MTRL:		ASSEMBLY DWG.	
FINISH:		DWG. No.: 2202270	REV.: 01
		SCALE FULL	DO NOT SCALE DRAWING