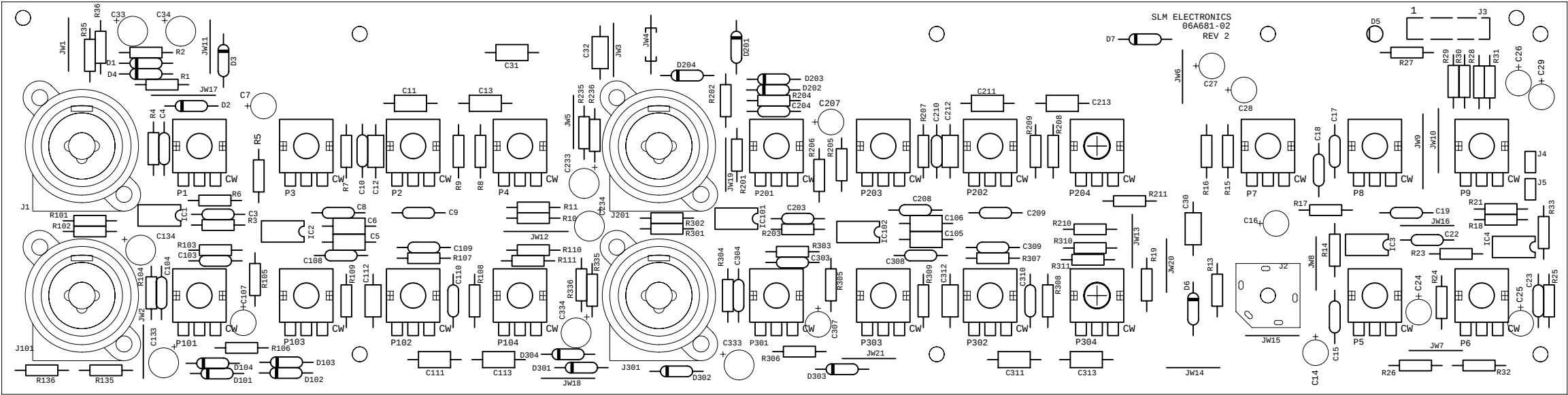




SHEET 2 OF 2 IS ACAD FILE # 68102P?? .DWG

2	REM	4/5/99	WIRING CHG; ART TO REV 2 PER EC0990043.	
1	RLB	2-9-99	SHORTED PINS 5 & 7 ON J1, J101, J201, J301 PER ECO 990043	
REV	DWN	DATE	DESCRIPTION	
SIGNATURES:		DATE:	11880 BORMAN DR. ST. LOUIS, MISSOURI 63146	
DRAWN:	REM	10/8/98	PROJECT NAME: PA4a	
CHK'D:	TECH	10/9/98		
APP'D:	DJR	10/9/98	DRAWING NAME: MASTER_BOARD_ASSEMBLY	
ORIGINAL ISSUED:		10/9/98		
PLOT DATE:		2-9-99	DRAWING NO. 07P681-02	
PLOT TIME:		00:00		
FILE NAME:		68102B2_	SCALE: NONE	SHEET: 1_OF_2
			REV.	-

<u>D</u> <u>E</u> <u>S</u> <u>I</u> <u>G</u> <u>N</u> <u>A</u> <u>T</u> <u>O</u> <u>R</u>	<u>P</u> <u>A</u> <u>R</u> <u>T</u> <u>#</u>	<u>D</u> <u>E</u> <u>S</u> <u>C</u> <u>R</u> <u>I</u> <u>P</u> <u>T</u> <u>I</u> <u>O</u> <u>N</u>
C3	10A101-21	100PF
C4	10A101-21	100PF
C5	10A104-01	0. 1
C6	10A104-01	0. 1
C7	12R106-35	10/35V
C8	10A560-21	56p
C9	10A103-11	0. 01
C10	10A223-01	0. 022
C11	10A104-01	0. 1
C12	10A473-11	0. 047
C13	10A104-01	0. 1
C14	12R106-35	10/35V
C15	10A330-21	33p
C16	12R106-35	10/35V
C17	10A103-11	. 01uF
C18	10A471-11	470pF
C19	10A150-21	15pF
C22	10A222-11	0. 0022
C23	10A102-11	0. 001
C24	12R106-35	10/35V
C25	12R106-35	10/35V
C26	12R106-35	10/35V
C27	12R106-35	10/35V
C28	12R106-35	10/35V
C29	12R106-35	10/35V
C30	10A473-11	. 047uF
C31	10A473-11	. 047uF
C32	10A473-11	. 047uF
C33	12R226-50	22uF/ 50V
C34	12R226-50	22uF/ 50V
C103	10A101-21	100PF
C104	10A101-21	100PF
C105	10A104-01	0. 1
C106	10A104-01	0. 1
C107	12R106-35	10/35V
C108	10A560-21	56p
C109	10A103-11	0. 01
C110	10A223-01	0. 022
C111	10A104-01	0. 1
C112	10A473-11	0. 047
C113	10A104-01	0. 1
C133	12R226-50	22uF/ 50V
C134	12R226-50	22uF/ 50V
C203	10A101-21	100PF
C204	10A101-21	100PF
C207	12R106-35	10/35V
C208	10A560-21	56p
C209	10A103-11	0. 01
C210	10A223-01	0. 022
C211	10A104-01	0. 1
C212	10A473-11	0. 047

DESIGNATOR	PART #	DESCRIPTION
C213	10A104-01	0. 1
C233	12R226-50	22uF/ 50V
C234	12R226-50	22uF/ 50V
C303	10A101-21	100PF
C304	10A101-21	100PF
C307	12R106-35	10/35V
C308	10A560-21	56p
C309	10A103-11	0. 01
C310	10A223-01	0. 022
C311	10A104-01	0. 1
C312	10A473-11	0. 047
C313	10A104-01	0. 1
C333	12R226-50	22uF/ 50V
C334	12R226-50	22uF/ 50V
D1	21A914-01	1N914
D2	21A914-01	1N914
D3	21A914-01	1N914
D4	21A914-01	1N914
D5	21-504-01	RED
D6	21A914-01	1N914
D7	21A914-01	1N914
D101	21A914-01	1N914
D102	21A914-01	1N914
D103	21A914-01	1N914
D104	21A914-01	1N914
D201	21A914-01	1N914
D202	21A914-01	1N914
D203	21A914-01	1N914
D204	21A914-01	1N914
D301	21A914-01	1N914
D302	21A914-01	1N914
D303	21A914-01	1N914
D304	21A914-01	1N914
IC1	37-532-01	NE-5532
IC2	37-532-01	NE-5532
IC3	37-532-01	NE-5532
IC4	37-532-01	NE-5532
IC101	37-532-01	NE-5532
IC102	37-532-01	NE-5532
J1	39-322-02	COMBO
J2	39-114-04	INSULATED 1
J3	17-310-05	MPSS156-05
J4	17-103-02	MLAS100-02
J5	17-103-02	MPAS100-02
J101	39-322-02	COMBO
J201	39-322-02	COMBO
J301	39-322-02	COMBO

DESIGNATOR	PART #	DESCRIPTION
P1	70-503-81	50KL
P2	70-503-81	50KL
P3	70-503-81	50KL
P4	70-503-81	50KL
P5	70-503-81	50KL
P6	70-503-81	50KL
P7	70-503-81	50KL
P8	70-503-81	50KL
P9	70-503-81	50KL
P101	70-503-81	50KL
P102	70-503-81	50KL
P103	70-503-81	50KL
P104	70-503-81	50KL
P201	70-503-81	50KL
P202	70-503-81	50KL
P203	70-503-81	50KL
P204	70-503-81	50KL
P301	70-503-81	50KL
P302	70-503-81	50KL
P303	70-503-81	50KL
P304	70-503-81	50KL
R1	76-103-02	10. 0K @ 1%
R2	76-103-02	10. 0K @ 1%
R3	76-153-02	15. 4K @ 1%
R4	76-153-02	15. 4K @ 1%
R5	76-102-01	1K
R6	76-102-01	1K
R7	76-472-01	4. 7K
R8	76-221-01	220
R9	76-222-01	2. 2K
R10	76-472-01	4. 7K
R11	76-183-01	18K
R13	76-103-01	10K
R14	76-272-01	2. 7K
R15	76-823-01	82K
R16	76-154-01	150K
R17	76-272-01	2. 7K
R18	76-103-01	10K
R19	76-221-01	220
R21	76-104-01	100K
R23	76-103-01	10K
R24	76-681-01	680
R25	76-153-01	15K
R26	76-104-01	100K
R27	76-182-01	1. 8K
R28	76-100-01	10
R29	76-100-01	10
R30	76-100-01	10
R31	76-100-01	10
R32	76-153-01	15K
R33	76-220-01	22
R35	76-172-02	1. 74K 1%
R36	76-172-02	1. 74K 1%
R101	76-103-02	10. 0K @ 1%
R102	76-103-02	10. 0K @ 1%

<u>DESIGNATOR</u>	<u>PART #</u>	<u>DESCRIPTION</u>
R103	76-153-02	15. 4K @ 1%
R104	76-153-02	15. 4K @ 1%
R105	76-102-01	1K
R106	76-102-01	1K
R107	76-472-01	4. 7K
R108	76-221-01	220
R109	76-222-01	2. 2K
R110	76-472-01	4. 7K
R111	76-183-01	18K
R135	76-172-02	1. 74K 1%
R136	76-172-02	1. 74K 1%
R201	76-103-02	10. 0K @ 1%
R202	76-103-02	10. 0K @ 1%
R203	76-153-02	15. 4K @ 1%
R204	76-153-02	15. 4K @ 1%
R205	76-102-01	1K
R206	76-102-01	1K
R207	76-472-01	4. 7K
R208	76-221-01	220
R209	76-222-01	2. 2K
R210	76-472-01	4. 7K
R211	76-183-01	18K
R235	76-172-02	1. 74K 1%
R236	76-172-02	1. 74K 1%
R301	76-103-02	10. 0K @ 1%
R302	76-103-02	10. 0K @ 1%
R303	76-153-02	15. 4K @ 1%
R304	76-153-02	15. 4K @ 1%
R305	76-102-01	1K
R306	76-102-01	1K
R307	76-472-01	4. 7K
R308	76-221-01	220
R309	76-222-01	2. 2K
R310	76-472-01	4. 7K
R311	76-183-01	18K
R335	76-172-02	1. 74K 1%
R336	76-172-02	1. 74K 1%
JW1-21	76-000-05	JUMPER WIRE
85-133-01	15/16" F/F	STANDOFF 3
30-638-53	#6 SCREW	3
06A681-02	PC BOARD	

DESIGNATORS NOT USED C1, C2, C101. ETC, AND R34

SHEET 1 OF 2 SEE PCAD5 FILE #68102B???.PCB

SIGNATURES:		DATE:				11860 BORMAN DR. ST. LOUIS, MISSOURI 63146	
DRAWN:	REM	12/15/98		PROJECT NAME: PA4a BOX MIXER			
CHK'D:	DJR	12/15/98					
APP'D:	DJR	10/15/98					
ORIGINAL ISSUED:		10/15/98		DRAWING NAME: MASTER BOARD ASSEMBLY			
PLOT DATE:							
PLOT TIME:							
FILE NAME:				DRAWING NO.		07P681-02	
				SCALE: NONE		SHEET: 2 OF 2	