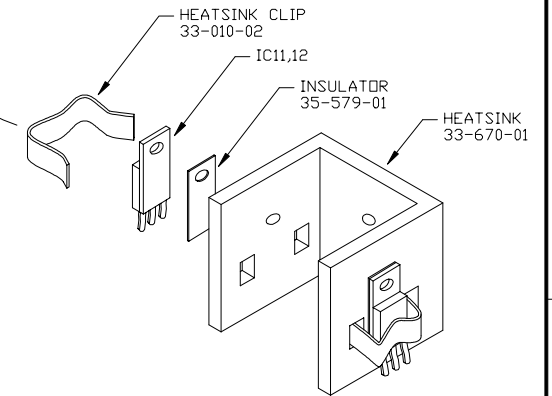
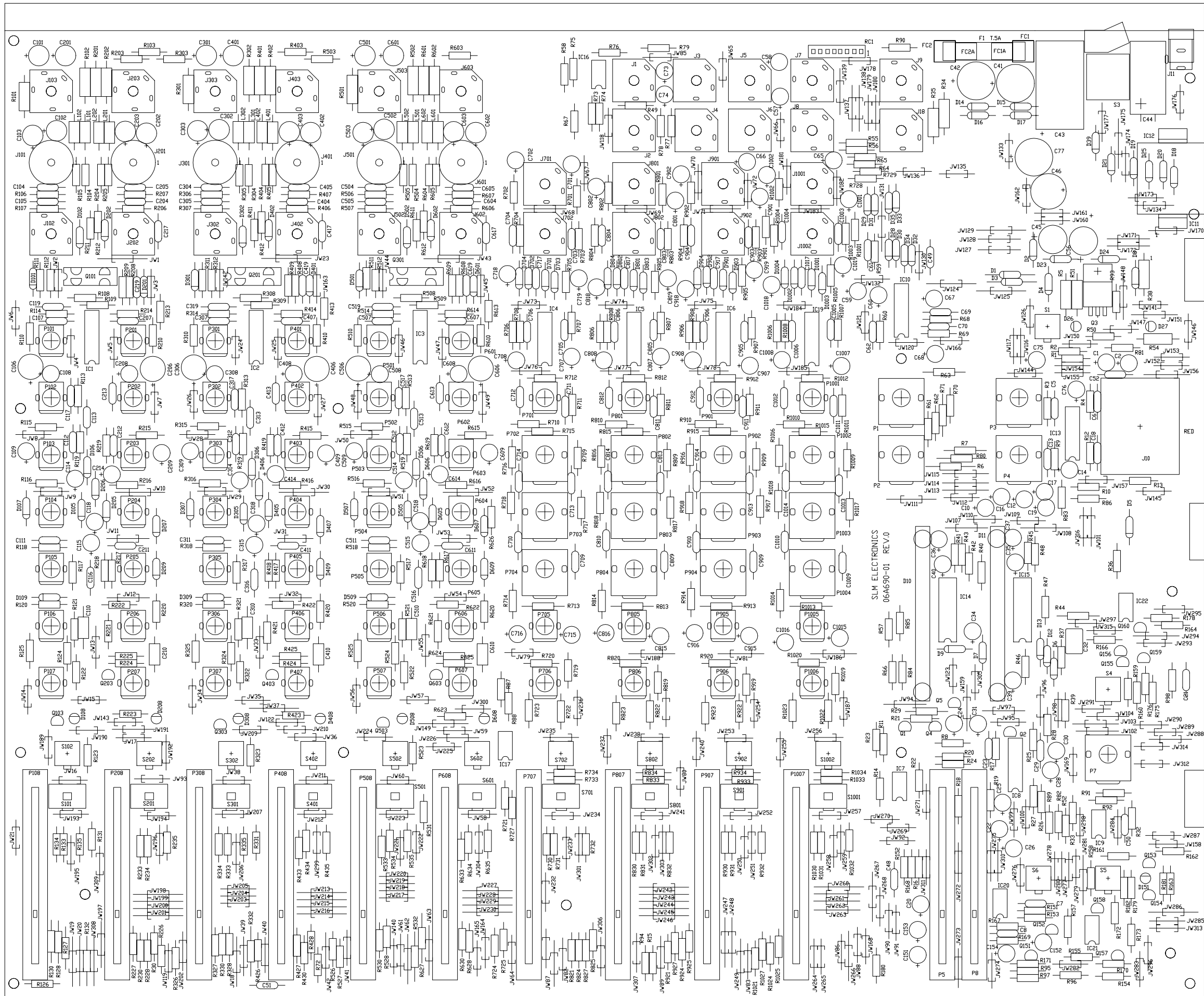
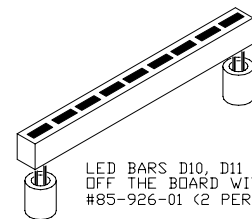




NOTE:
REMOVAL OF ENTIRE
HEATSINK ASSEMBLY IS
REQUIRED WHEN REPLACING
IC11 OR IC12



DASH NO.	SHEET NOS.
-02	1,2,3
-03	4,5,6

THIS DWG SUPERSEDES 07P690-02

REV	DATE	BY	CHK'D	DESCRIPTION
02	2-8-99	RLB		MERGED FILES 672XX.* AND 69002.* TO CREATE 690XX.* PER ECO 990202-09
SIGNATURES:				DATE:
DRAWN: MAG				04/30/97
CHK'D: JJP				06/10/97
APP'D: JJP				12/11/97
ORIGINAL ISSUED:				12/11/97
PLOT DATE:				02/08/99
PLOT TIME:				08:55:32
FILE NAME:				690xxp02
PROJECT NAME:				CSM1402a
DRAWING NAME:				PICTORIAL
DRAWING NO.				07P690-XX
SCALE:				NONE
SHEET:				1 OF 6

CHANNEL 1 PARTS LIST

ADD 100 TO DESIGNATORS
FOR CHANNELS 2-6

*THESE COMPONENTS ARE PRESENT FOR EVERY PAIR OF CHANNELS: 1 & 2, 3 & 4, 5 & 6, 7-9

DESIGNATOR	PART #	DESCRIPTION
C101	12R226-50	22uF 50V
C102	12R226-50	22uF 50V
C103	12R226-50	22uF 50V
C104	10A102-11	.001uF 100V
C105	10A102-11	.001uF 100V
C106	12R477-10	470uF 10V
C107	10A221-11	220pf 100V
C108	12R226-16	22uF 16V
C109	12R226-16	22uF 16V
C110	10A104-01	.1uF 50V
C111	10A103-11	0.01 100V
C112	10A471-11	470pf 100V
C113	10A150-21	15pf 200V
C114	12R226-16	22uF 16V
*C115	12R226-16	22uF 16V
*C116	10A103-11	.01 100V
*C117	10A221-11	220pf 100V
*C118	12R226-16	22uF 16V
C119	10A560-21	56pF 200V

D101	21A914-01	1N914
D102	21A914-01	1N914
D105	21A914-01	1N914
D106	21A914-01	1N914
D107	21A914-01	1N914
D108	21-510-02	RED
D109	21A914-01	1N914

J101	39-319-02	FEMALE	XLR
J102	39-114-05	1/4" TRS	JACK
J103	39-114-05	1/4" TRS	JACK

L101	94A001-01	FERRITE	BEAD
L102	94A001-01	FERRITE	BEAD

P101	70-103-40	10KRA	
P102	70-103-41	10KA	
P103	70-203-40	20KL	
P104	70-203-40	20KL	
P105	70-203-40	20KL	
P106	70-103-41	10KA	
P107	70-203-40	20KL	
P108	70-103-64	10KA	SLIDER

Q101	96-222-02	MPQ2222A	QUAD
Q103	96R013-01	MPSA13	

R101	77-682-02	6. 81K	1/2W
R102	77-682-02	6. 81K	1/2W
R103	76-221-01	220	

UNUSED REFERENCE DESIGNATORS

Q102, R129, D103, D104

DESIGNATOR	PART #	DESCRIPTION
R104	76-103-02	10. 0K
R105	76-103-02	10. 0K
R106	76-512-02	5. 11K
R107	76-512-02	5. 11K
R108	76-102-02	1. 00K
R109	76-102-02	1. 00K
R110	76-220-01	22
R111	76-103-02	10. 0K
R112	76-103-02	10. 0K
R113	76-512-02	5. 11K
R114	76-512-02	5. 11K
R115	76-182-01	1. 8K
R116	76-102-01	1K
R117	76-473-01	47K
R118	76-102-01	1K
R119	76-154-01	150K
R120	76-182-01	1. 8K
R121	76-105-01	1M
R122	76-224-01	220K
R123	76-182-01	1. 8K
R124	76-472-01	4. 7K
R125	76-472-01	4. 7K
R126	76-103-01	10K
R127	76-223-01	22K
R128	76-223-01	22K
R130	76-103-01	10K
*R131	76-100-01	10
*R132	76-100-01	10
R133	76-223-01	22K
R134	76-223-01	22K
R135	76-223-01	22K

S101	88-907-05	4PDT	SWIT
S102	88-907-04	DPDT	SWIT

CHANNEL 7/8 PARTS LIST

ADD 100 TO DESIGNATORS
FOR CHANNELS 9-14

*THESE COMPONENTS ARE PRESENT FOR CHANNELS: 7-14

DESIGNATOR	PART #	DESCRIPTION
C701	12R226-16	22uF
C702	12R226-16	22uF
C703	10A560-21	56pf
C704	10A560-21	56pf
C705	10A102-11	.001uF
C706	10A102-11	.001uF
C707	12R226-16	22uF
C708	12R226-16	22uF
C709	10A103-11	0.01
C710	10A103-11	0.01
C711	10A150-21	15pf
C712	10A150-21	15pf
C713	10A471-11	470pf
C714	10A471-11	470pf
C715	12R226-16	22uF
C716	12R226-16	22uF
C717	10A103-11	.01
C718	12R226-16	22uF
C719	12R226-16	22uF

D701	21A914-01	1N914
D702	21A914-01	1N914
D703	21A914-01	1N914
D704	21A914-01	1N914

J701	39-012-01	112APC	JACK
J702	39-012-01	112APC	JACK

③ P701	70-103-41	10KA	
P702	70-203-31	20KL	DUAL
P703	70-203-31	20KL	DUAL
P704	70-203-31	20KL	DUAL
③ P705	70-103-41	10KA	
③ P706	70-203-40	20KL	
P707	70-103-64	10KA	

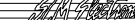
UNUSED REFERENCE DESIGNATORS

R726

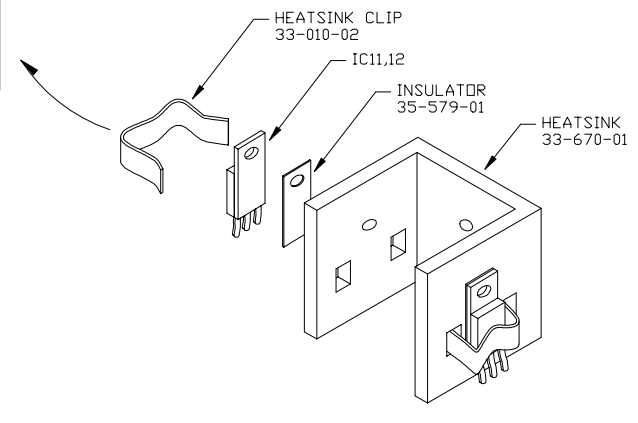
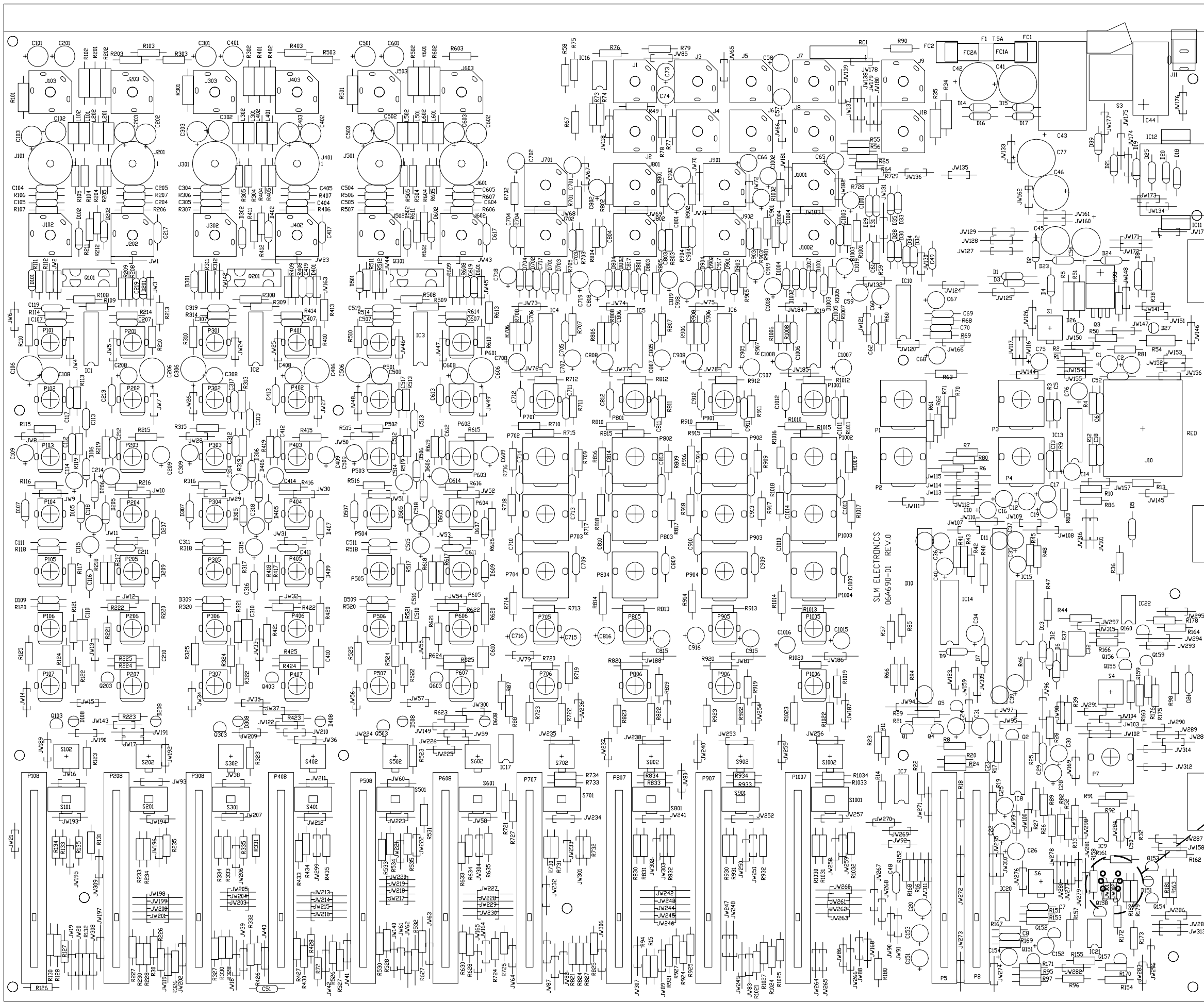
DESIGNATOR	PART #	DESCRIPTION
R701	76-102-01	1K
R702	76-102-01	1K
R703	76-223-01	22K
R704	76-223-01	22K
R705	76-152-01	1. 5K
R706	76-152-01	1. 5K
R707	76-182-01	1. 8K
R708	76-182-01	1. 8K
R709	76-102-01	1K
R710	76-102-01	1K
R711	76-103-01	10K
R712	76-103-01	10K
R713	76-473-01	47K
R714	76-473-01	47K
R715	76-102-01	1K
R716	76-102-01	1K
R717	76-154-01	150K
R718	76-154-01	150K
R719	76-103-01	10K
R720	76-103-01	10K
R721	76-472-01	4. 7K
R722	76-332-01	3. 3K
R723	76-332-01	3. 3K
R724	76-153-01	15K
R725	76-153-01	15K
R727	76-472-01	4. 7K
*R728	76-100-01	10
*R729	76-100-01	10
R730	76-153-01	15K
R731	76-153-01	15K
R732	76-153-01	15K
R733	76-103-01	10K
R734	76-103-01	10K

S701	88-907-05	4PDT	SWIT
S702	88-907-04	DPDT	SWIT

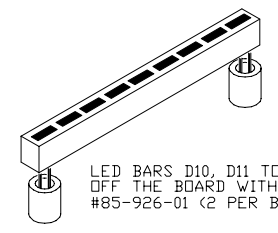
SEE SHT 1 FOR REV HISTORY

SIGNATURES:		DATE:		 11880 BORMAN DR. ST. LOUIS, MISSOURI 63148	
DRAWN:	MAG	04/30/97	PROJECT NAME: CSM1402a		
CHK'D:	JJP	12/12/97			
APP'D:	JJP	12/12/97			
ORIGINAL ISSUED:		12/12/97	DRAWING NAME:		
PLOT DATE:		02/08/99	PICTORIAL		
PLOT TIME:		08:55:32	DRAWING NO.		07P690-XX
FILE NAME:		690xxp02	SCALE: NONE		SHEET: 2 OF 6 REV 0Z

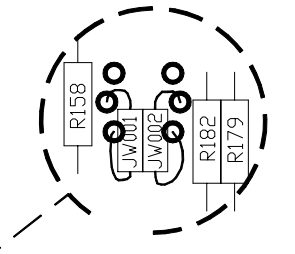
MASTER SECTION																											
DESIGNATOR PART # DESCRIPTION				DESIGNATOR PART # DESCRIPTION				DESIGNATOR PART # DESCRIPTION				DESIGNATOR PART # DESCRIPTION				DESIGNATOR PART # DESCRIPTION				DESIGNATOR PART # DESCRIPTION							
C1	12R226-16	22uF	16V	D13	21A914-01	1N914		P1	70-503-32	50KA	DUAL	R63	76-103-02	10K	1%												
C2	12R226-16	22uF	16V	D14	21A402-01	1N4002		P2	70-503-32	50KA	DUAL	R64	76-153-01	15K													
C5	10A101-21	100pF	200V	D15	21A402-01	1N4002		P3	70-503-32	50KA	DUAL	R65	76-153-01	15K													
C6	10A101-21	100pF	200V	D16	21A402-01	1N4002		P4	70-503-32	50KA	DUAL	R66	76-101-01	100													
C7	10A101-21	100pF	200V	D17	21A402-01	1N4002		P5	70-503-64	50KA	SLIDER	R67	76-152-01	1. 5K													
C8	10A101-21	100pF	200V	D18	21A402-01	1N4002		P7	70-503-32	50KA	DUAL	R68	76-153-01	15K													
C10	12R226-16	22uF	16V	D19	21A402-01	1N4002		P8	70-503-64	50KA	SLIDER	R69	76-153-01	15K													
C12	12R226-16	22uF	16V	D20	21A402-01	1N4002		Q1	96R112-01	J112		R70	76-223-01	22K													
C13	10A101-21	100pF	200V	D21	21A402-01	1N4002		Q2	96-112-01	J112		R71	76-223-01	22K	1%												
C14	12R226-16	22uF	16V	D23	21A402-01	1N4002	100V	Q3	96-031-03	TIP-31C		R72	76-242-02	2. 49K													
C16	12R226-16	22uF	16V	D24	21A402-01	1N4002	100V	Q4	96R112-01	J112		R73	76-152-01	1. 5K													
C17	12R226-16	22uF	16V	D25	21A454-01	1N4754	39V	Q5	96R112-01	J112		R74	76-152-01	1. 5K													
C18	10A101-21	100pF	200V	D26	21-510-03	YELLOW	LED	Q151	96R175-01	J175		R75	76-103-01	10K													
C19	12R226-16	22uF	16V	D27	21-510-01	GREEN	LED	Q152	96R175-01	J175		R76	76-103-01	10K													
C20	12R226-16	22uF	16V	D28	21A914-01	1N914		Q153	96R013-01	MPSA13		R77	76-182-01	1. 8K													
C21	10A103-11	. 01	100V	D29	21A914-01	1N914		Q154	96R013-01	MPSA13		R78	76-182-01	1. 8K													
C22	12R226-16	22uF	16V	D30	21A914-01	1N914		Q155	96R175-01	J175		R79	76-103-01	10K													
C23	10A560-21	56pf	200V	D31	21A914-01	1N914		Q156	96R175-01	J175		R80	76-223-01	22K													
C24	12R226-16	22uF	16V	D32	21A914-01	1N914		Q157	96R175-01	J175		R81	76-103-01	10K													
C25	12R226-16	22uF	16V	D33	21A914-01	1N914		Q158	96-175-01	J175		R82	76-223-01	22K													
C26	12R226-16	22uF	16V	D34	21A914-01	1N914		Q159	96R175-01	J175		R83	76-102-01	1K													
C28	12R226-16	22uF	16V	D35	21A914-01	1N914		Q160	96R175-01	J175		R84	76-101-01	100													
C29	10A560-21	56pf	200V	D39	21A402-01	1N4002	100V	RC1	17-101-08	. 100	8 PIN	CONN	R85	76-101-01	100												
C30	12R226-16	22uF	16V	D151	21-510-03	YELLOW	LED						R86	76-102-01	1K												
C31	12R226-16	22uF	16V	FC1A	23-926-02	CLIP							R87	76-103-01	10K												
C32	10R104-03	. 1uF	100V	FC2A	23-926-02	CLIP		R1	76-153-01	15K			R88	76-103-01	10K												
C34	12R225-50	2. 2uF	50V	IC1	37-074-01	TLQ74		R2	76-153-01	15K			R89	76-223-01	22K												
C35	12R226-16	22uF	16V	IC2	37-074-01	TLQ74		R3	76-153-01	15K		1/2W	R90	76-473-01	47K												
C36	12R225-50	2. 2uF	50V	IC3	37-074-01	TLQ74		R4	76-153-01	15K			R91	76-223-01	22K												
C37	12R225-50	2. 2uF	50V	IC4	37-074-01	TLQ74		R5	77-103-01	10K			R92	76-223-01	22K												
C39	12R225-50	2. 2uF	50V	IC5	37-074-01	TLQ74		R6	76-223-01	22K		1%	R93	76-221-01	220												
C40	12R226-16	22uF	16V	IC6	37-074-01	TLQ74		R7	76-103-02	10K			R94	76-103-02	10K	1%											
C41	12-228-16	2200uF	16V	IC7	37-532-01	NE5532		R8	76-182-01	1. 8K			R95	76-103-01	10K												
C42	12-228-16	2200uF	35V	IC8	37-074-01	TLQ74		R9	76-223-01	22K			R96	76-103-01	10K												
C43	12-228-32	2200uF	35V	IC9	37-532-01	NE5532		R10	76-182-01	1. 8K			R97	76-103-01	10K												
C44	12-158-02	1500	35V	IC10	37-074-01	TLQ74		R11	76-182-01	1. 8K			R98	76-103-01	10K												
C45	12R477-35	470	35V	IC11	37-715-01	78M15		R12	76-223-01	22K			R151	76-273-01	27K												
C46	12-477-01	470uF	50V	IC12	37-915-01	79M15		R13	76-182-01	1. 8K			R152	76-103-01	10K												
C48	10A103-11	. 01	100V	IC13	37-074-01	TLQ74		R14	76-223-01	22K			R153	76-103-01	10K												
C49	10A103-11	. 01	100V	IC14	37-491-03	LM3915N		R15	76-682-02	6. 81K		1%	R154	76-103-01	10K												
C50	10A103-11	. 01	100V	IC15	37-491-03	LM3915N		R16	76-182-01	1. 8K			R155	76-103-01	10K												
C51	10A103-11	. 01	100V	IC16	37-072-01	TLQ72		R17	76-274-01	270K			R157	76-153-01	15K												
C52	10A103-11	. 01	100V	IC17	37-532-01	NE5532		R18	76-332-01	3. 3K			R158	76-182-01	1. 8K												
C56	12R477-35	470	35V	IC19	37-074-01																						



NOTE:
REMOVAL OF ENTIRE
HEATSINK ASSEMBLY IS
REQUIRED WHEN REPLACING
IC11 OR IC12



LED BARS D10, D11 TO BE PLACED
OFF THE BOARD WITH STANDOFF
#85-926-01 (2 PER BAR)



SEE SHT 1 FOR REV HISTORY

SIGNATURES:		DATE:	 11880 BORMAN DR. ST. LOUIS, MISSOURI 63146	
DRAWN:	RLB	9-28-98	PROJECT NAME: CSM1402a	
CHK'D:	RLB	9-28-98		
APP'D:	JJP	9-28-98		
ORIGINAL ISSUED:				
PLOT DATE:		02/08/99	DRAWING NAME: PICTORIAL	
PLOT TIME:		08:55:32		
FILE NAME:		690xxp0z		
SCALE:		NONE	SHEET: 4 OF 6	

CHANNEL 1 PARTS LIST
ADD 100 TO DESIGNATORS
FOR CHANNELS 2-6

*THESE COMPONENTS ARE PRESENT FOR EVERY
PAIR OF CHANNELS: 1 & 2, 3 & 4, 5 & 6, 7-9

DESIGNATOR	PART #	DESCRIPTION		DESIGNATOR	PART #	DESCRIPTION	
C101	12R226-50	22uF	50V	R104	76-103-02	10. 0K	1%
C102	12R226-50	22uF	50V	R105	76-103-02	10. 0K	1%
C103	12R226-50	22uF	50V	R106	76-512-02	5. 11K	1%
C104	10A102-11	. 001uF	100V	R107	76-512-02	5. 11K	1%
C105	10A102-11	. 001uF	100V	R108	76-102-02	1. 00K	1%
C106	12R477-10	470uF	10V	R109	76-102-02	1. 00K	1%
C107	10A221-11	220pF	100V	R110	76-220-01	22	
C108	12R226-16	22uF	16V	R111	76-103-02	10. 0K	1%
C109	12R226-16	22uF	16V	R112	76-103-02	10. 0K	1%
C110	10A104-01	. 1uF	50V	R113	76-512-02	5. 11K	1%
C111	10A103-11	0. 01	100V	R114	76-512-02	5. 11K	1%
C112	10A471-11	470pF	100V	R115	76-182-01	1. 8K	
C113	10A150-21	15pF	200V	R116	76-102-01	1K	
C114	12R226-16	22uF	16V	R117	76-473-01	47K	
*C115	12R226-16	22uF	16V	R118	76-102-01	1K	
*C116	10A103-11	. 01	100V	R119	76-154-01	150K	
C117	10A221-11	220pF	100V	R120	76-182-01	1. 8K	
*C118	12R226-16	22uF	16V	R121	76-105-01	1M	
C119	10A560-21	56pF	200V	R122	76-224-01	220K	
				R123	76-182-01	1. 8K	
D101	21A914-01	1N914		R124	76-472-01	4. 7K	
D102	21A914-01	1N914		R125	76-472-01	4. 7K	
D105	21A914-01	1N914		R126	76-103-01	10K	
D106	21A914-01	1N914		R127	76-223-01	22K	
D107	21A914-01	1N914		R128	76-223-01	22K	
D108	21-510-02	RED		R130	76-103-01	10K	
D109	21A914-01	1N914		*R131	76-100-01	10	
				*R132	76-100-01	10	
J101	39-319-02	FEMALE	XLR	R133	76-223-01	22K	
J102	39-114-05	1/4' TRS	JACK	R134	76-223-01	22K	
J103	39-114-05	1/4' TRS	JACK	R135	76-223-01	22K	
				S101	88-907-05	4PDT	SWI
L101	94A001-01	FERRITE	BEAD	S102	88-907-04	DPDT	SWI
L102	94A001-01	FERRITE	BEAD				
P101	70-103-40	10KRA	C103				
P102	70-103-41	10KA	A103				
P103	70-203-40	20KL	B203				
P104	70-203-40	20KL	B203				
P105	70-203-40	20KL	B203				
P106	70-103-41	10KA	A103				
P107	70-203-40	20KL	B203				
P108	70-103-64	10KA SLIDER					
Q101	96-222-02	MPQ2222A	QUAD				
Q103	96R013-01	MPSA13					
R101	77-682-02	6. 81K	1/2W				
R102	77-682-02	6. 81K	1/2W				
R103	76-221-01	220					

UNUSED REFERENCE DESIGNATORS
Q102, R129, D103, D104

CHANNEL 7/8 PARTS LIST
ADD 100 TO DESIGNATORS
FOR CHANNELS 9-14

*THESE COMPONENTS ARE PRESENT FOR CHANNELS: 7-14

DESIGNATOR	PART #	DESCRIPTION	DESIGNATOR	PART #	DESCRIPTION	
C701	12R226-16	22uF	16V	R701	76-102-01	1K
C702	12R226-16	22uF	16V	R702	76-102-01	1K
C703	10A560-21	56pf	200V	R703	76-223-01	22K
C704	10A560-21	56pf	200V	R704	76-223-01	22K
C705	10A102-11	.001uF	100V	R705	76-152-01	1.5K
C706	10A102-11	.001uF	100V	R706	76-152-01	1.5K
C707	12R226-16	22uF	16V	R707	76-182-01	1.8K
C708	12R226-16	22uF	16V	R708	76-182-01	1.8K
C709	10A103-11	0.01	100V	R709	76-102-01	1K
C710	10A103-11	0.01	100V	R710	76-102-01	1K
C711	10A150-21	15pf	200V	R711	76-103-01	10K
C712	10A150-21	15pf	200V	R712	76-103-01	10K
C713	10A471-11	470pf	100V	R713	76-473-01	47K
C714	10A471-11	470pf	100V	R714	76-473-01	47K
C715	12R226-16	22uF	16V	R715	76-102-01	1K
C716	12R226-16	22uF	16V	R716	76-102-01	1K
C717	10A103-11	.01	100V	R717	76-154-01	150K
C718	12R226-16	22uF	16V	R718	76-154-01	150K
C719	12R226-16	22uF	16V	R719	76-103-01	10K
				R720	76-103-01	10K
D701	21A914-01	1N914		R721	76-472-01	4.7K
D702	21A914-01	1N914		R722	76-332-01	3.3K
D703	21A914-01	1N914		R723	76-332-01	3.3K
D704	21A914-01	1N914		R724	76-153-01	15K
				R725	76-153-01	15K
J701	39-012-01	112APC	JACK	R727	76-472-01	4.7K
J702	39-012-01	112APC	JACK	*R728	76-100-01	10
P701	70-103-41	10KA	A103	*R729	76-100-01	10
P702	70-203-31	20KL DUAL		R730	76-153-01	15K
P703	70-203-31	20KL DUAL		R731	76-153-01	15K
P704	70-203-31	20KL DUAL		R732	76-153-01	15K
P705	70-103-41	10KA	A103	R733	76-103-01	10K
P706	70-203-35	20KL		R734	76-103-01	10K
P707	70-103-64	10KA	SLIDER			
				S701	88-907-05	4PDT
				S702	88-907-04	DPDT

SWIT

SWIT

UNUSED REFERENCE DESIGNATORS
R726

SEE SHT 1 FOR REV HISTORY

SIGNATURES:		DATE:	 11880 BORMAN DR. ST. LOUIS, MISSOURI 63146		
DRAWN:	RLB	9-28-98	PROJECT NAME: CSM1402a		
CHK'D:	JJP	9-28-98			
APP'D:	JJP	9-28-98			
ORIGINAL ISSUED:			DRAWING NAME:		
PLOT DATE:		02/08/99	PICTORIAL		
PLOT TIME:		08:55:32	DRAWING NO.	07P690-XX	REV 0Z
FILE NAME:		690xxp0z	SCALE: NONE	SHEET: 5 OF 6	

MASTER SECTION

DESIGNATOR				PART #				DESCRIPTION							
C1	12R226-16	22uF	16V	D13	21A914-01	1N914		P1	70-503-32	50KA DUAL		DESIGNATOR	PART #	DESCRIPTION	
C2	12R226-16	22uF	16V	D14	21A402-01	1N4002		P2	70-503-32	50KA DUAL		R63	76-103-02	10K	1%
C5	10A101-21	100pF	200V	D15	21A402-01	1N4002		P3	70-503-32	50KA DUAL		R64	76-153-01	15K	
C6	10A101-21	100pF	200V	D16	21A402-01	1N4002		P4	70-503-32	50KA DUAL		R65	76-153-01	15K	
C7	10A101-21	100pF	200V	D17	21A402-01	1N4002		P5	70-503-64	50KA SLIDER		R66	76-101-01	100	
C8	10A101-21	100pF	200V	D18	21A402-01	1N4002		P7	70-503-32	50KA DUAL		R67	76-152-01	1. 5K	
C10	12R226-16	22uF	16V	D19	21A402-01	1N4002		P8	70-503-64	50KA SLIDER		R68	76-153-01	15K	
C12	12R226-16	22uF	16V	D20	21A402-01	1N4002		Q1	96R112-01	J112		R69	76-153-01	15K	
C13	10A101-21	100pF	200V	D21	21A402-01	1N4002		Q2	96-112-01	J112		R70	76-223-01	22K	
C14	12R226-16	22uF	16V	D23	21A402-01	1N4002	100V	Q3	96-031-03	T1P-31C		R71	76-223-01	22K	
C16	12R226-16	22uF	16V	D24	21A402-01	1N4002	100V	Q4	96R112-01	J112		R72	76-242-02	2. 49K	1%
C17	12R226-16	22uF	16V	D25	21A456-01	1N4756	47V	Q5	96R112-01	J112		R73	76-152-01	1. 5K	
C18	10A101-21	100pF	200V	D26	21-510-03	YELLOW	LED	Q151	96R175-01	J175		R74	76-152-01	1. 5K	
C19	12R226-16	22uF	16V	D27	21-510-01	GREEN	LED	Q152	96R175-01	J175		R75	76-103-01	10K	
C20	12R226-16	22uF	16V	D28	21A914-01	1N914		Q153	96R013-01	MPSA13		R76	76-103-01	10K	
C21	10A103-11	. 01	100V	D29	21A914-01	1N914		Q154	96R013-01	MPSA13		R77	76-182-01	1. 8K	
C22	12R226-16	22uF	16V	D30	21A914-01	1N914		Q155	96R175-01	J175		R78	76-182-01	1. 8K	
C23	10A560-21	56pf	200V	D31	21A914-01	1N914		Q156	96R175-01	J175		R79	76-103-01	10K	
C24	12R226-16	22uF	16V	D32	21A914-01	1N914		Q157	96R175-01	J175		R80	76-223-01	22K	
C25	12R226-16	22uF	16V	D33	21A914-01	1N914		Q158	96-175-01	J175		R81	76-103-01	10K	
C26	12R226-16	22uF	16V	D34	21A914-01	1N914		Q159	96R175-01	J175		R82	76-223-01	22K	
C28	12R226-16	22uF	16V	D35	21A914-01	1N914		Q160	96R175-01	J175		R83	76-102-01	1K	
C29	10A560-21	56pf	200V	D39	21A402-01	1N4002	100V					R84	76-101-01	100	
C30	12R226-16	22uF	16V	D151	21-510-03	YELLOW	LED					R85	76-101-01	100	
C31	12R226-16	22uF	16V	FC1A	23-926-02	CLIP		RC1	17-314-08	100	CONN	R86	76-102-01	1K	
C32	10R104-03	. 1uF	100V	FC2A	23-926-02	CLIP						R87	76-103-01	10K	
C34	12R225-50	2. 2uF	50V					R1	76-153-01	15K		R88	76-103-01	10K	
C35	12R226-16	22uF	16V	IC1	37-074-01	TL074		R2	76-153-01	15K		R89	76-223-01	22K	
C36	12R225-50	2. 2uF	50V	IC2	37-074-01	TL074		R3	76-153-01	15K		R90	76-473-01	47K	
C37	12R225-50	2. 2uF	50V	IC3	37-074-01	TL074		R4	76-153-01	15K		R91	76-223-01	22K	
C39	12R225-50	2. 2uF	50V	IC4	37-074-01	TL074		R5	77-103-01	10K	1/2W	R92	76-223-01	22K	
C40	12R226-16	22uF	16V	IC5	37-074-01	TL074		R6	76-223-01	22K		R93	76-221-01	220	
C41	12-228-16	2200uF	16V	IC6	37-074-01	TL074		R7	76-103-02	10K	1%	R94	76-103-02	10K	1%
C42	12-228-16	2200uF	16V	IC7	37-532-01	NE5532		R8	76-182-01	1. 8K		R95	76-103-01	10K	
C43	12-228-32	2200uF	35V	IC8	37-074-01	TL074		R9	76-223-01	22K		R96	76-103-01	10K	
C44	12-158-02	1500	35V	IC9	37-532-01	NE5532		R10	76-182-01	1. 8K		R97	76-103-01	10K	
C45	12R477-35	470	35V	IC10	37-074-01	TL074		R11	76-182-01	1. 8K		R98	76-103-01	10K	
C46	12-477-01	470uF	50V	IC11	37-715-01	78M15		R12	76-223-01	22K		R151	76-273-01	27K	
C48	10A103-11	. 01	100V	IC12	37-915-01	79M15		R13	76-182-01	1. 8K		R152	76-103-01	10K	
C49	10A103-11	. 01	100V	IC13	37-074-01	TL074		R14	76-223-01	22K		R153	76-103-01	10K	
C50	10A103-11	. 01	100V	IC14	37-491-03	LM3915N		R15	76-682-02	6. 81K	1%	R154	76-103-01	10K	
C51	10A103-11	. 01	100V	IC15	37-491-03	LM3915N		R16	76-182-01	1. 8K		R155	76-103-01	10K	
C52	10A103-11	. 01	100V	IC16	37-072-01	TL072		R17	76-274-01	270K		R157	76-333-01	33K	
C56	12R477-35	470	35V	IC17	37-532-01	NE5532		R18	76-332-01	3. 3K		R158	76-182-01	1. 8K	
C57	12R226-16	22uF	16V					R19	76-332-01	3. 3K		R159	76-182-01	1. 8K	
C58	12R226-16	22uF	16V	IC19	37-074-01	TL074		R20	76-182-01	1. 8K		R160	76-182-01	1. 8K	
C59	12R226-16	22uF	16V	IC20	37-532-01	NE5532		R21	76-182-01	1. 8K		R161	76-152-01	1. 5K	
C60	12R226-16	22uF	16V	IC21	37-072-01	TL072		R22	76-223-01	22K		R162	76-182-01	1. 8K	
C61	10A101-21	100pF	200V	IC22	37-072-01	TL072		R23	76-392-01	3. 9K		R163	76-104-01	100K	
C62	10A101-21	100pF	200V	J1	39-012-01	1/4" TS	JACK	R24	76-182-01	1. 8K		R164	76-104-01	100K	
C65	12R226-16	22uF	16V	J2	39-012-01	1/4" TS	JACK	R25	76-274-01	270K		R166	76-103-01	10K	
C66	12R226-16	22uF	16V	J3	39-012-01	1/4" TS	JACK	R26	76-332-01	3. 3K		R167	76-273-01	27K	
C67	12R226-16	22uF	16V	J4	39-012-01	1/4" TS	JACK	R27	76-332-01	3. 3K		R168	76-103-01	10K	
C68	12R226-16	22uF	16V	J5	39-012-01	1/4" TS	JACK	R28	76-182-01	1. 8K		R169	76-103-01	10K	
C69	10A101-21	100pF	200V	J6	39-012-01	1/4" TS	JACK	R29	76-182-01	1. 8K		R170	76-103-01	10K	
C70	10A101-21	100pF	200V	J7	39-114-05	1/4" TRS	JACK	R30	76-153-02	15. 4K	1%	R171	76-103-01	10K	
C73	12R226-16	22uF	16V	J8	39-114-05	1/4" TRS	JACK	R32	76-104-01	100K		R172	76-182-01	1. 8K	
C74	12R226-16	22uF	16V	J9	39-114-04	1/4" TRS	JACK	R33	76-104-01	100K		R173	76-333-01	33K	
C75	12R226-16	22uF	16V	J10	39-121-01	QUAD	RCA	R34	77-101-01	100	1/2W	R175	76-182-01	1. 8K	
C76	12R226-16	22uF	16V	J11	39-202-01	DC_POWER	JACK	R35	77-101-01	100	1/2W	R176	76-182-01	1. 8K	
C77	12R227-62	220	63V	J18	39-012-01	1/4" TS	JACK	R36	76-223-01	22K		R178	76-103-01	10K	
C151	12R226-16	22uF	16V					R37	76-225-01	2. 2M		R179	76-101-01	100	
C152	12R226-16	22uF	16V	JW1-316	76-000-05	JUMPER		R38	77-101-01	100	1/2W	R180	76-103-01	10K	
C153	12R226-16	22uF	16V	JW001	76-000-05	JUMPER	(NOT AN AI PART)	R39	76-102-01	1K		R181	76-103-01	10K	
C154	12R226-16	22uF	16V	JW002	76-000-05	JUMPER	(NOT AN AI PART)	R40	76-184-01	180K		R182	76-101-01	100	
D1	21A914-01	1N914						R41	76-224-01	220K					
D2	21A914-01	1N914						R42	76-102-01	1K		S1	88-907-04	DPDT	SWIT
D3	21A914-01	1N914						R43	76-182-01	1. 8K		S3	88-670-01	ROCKER	SWIT
D4	21A914-01	1N914						R44	76-102-01	1K		S4	88-907-04	DPDT	SWIT
D5	21A754-01	1N754	6. 8V					R45	76-224-01	220K		S6	88-907-04	DPDT	SWIT
D6	21A914-01	1N914						R46	76-184-01	180K					
D7	21A914-01	1N914						R47	76-102-01	1K					
D8	21A449-01	1N4749	24V					R48	76-182-01	1. 8K					
D9	21A914-01	1N914						R49	76-103-01	10K					
D10	21-101-01	LED BAR						R50	76-152-01	1. 5K					
D11	21-101-01	LED BAR						R51	77-103-01	10K	1/2W				
D12	21A914-01	1N914						R52	76-103-02	10K	1%				
								R54	77-272-01	2. 7K	1/2W				
								R55	76-153-01	15K					
								R56	76-153-01	15K					
								R57	76-101-01	100					
								R58	76-152-01	1. 5K					
								R59	76-153-01	15K					
								R60	76-153-01	15K					
								R61	76-223-01	22K					
								R62	76-223-01	22K					