

SHT 1 OF 2
SHT 2 IS "A" SIZE

- 8 HEATSINK MOUNTING CLIPS SUPPLIED WITH HEATSINK, ITEM 13. SEE DETAIL A.
- 7 TP1-TP5 ARE NOT INSTALLED AT THIS LEVEL.
- 6 REMOVE PIN ON J101 AS REQUIRED FOR POLARIZATION.
- 5 CONNECTOR, J103, IS MOUNTED ON BACK SIDE OF BOARD.
 - 4. FOR SCHEMATIC SEE 03-925803-00.
 - 3. FOR FAB DRAWING SEE 03-925801-00, FOR FAB PART SEE 03-925801-01.
 - 2. FOR A/W SEE 03-925802-00.
- 1 MARK CURRENT REV LEVEL IN AREA PROVIDED WITH A PERMANENT TYPE NON-CONDUCTIVE BLACK INK.

NOTES: (UNLESS OTHERWISE SPECIFIED)

DO NOT SCALE DRAWING											
DESCRIPTION OF CHANGE	NOT RELEASED AS	C RELEASE (AS C2)	B RELEASE SEE ECO	NUMEROUS CHANGES SEE ECO							
	C1				C2	M160	20063				
APVD											
ECN											
DFT	SAM	ST	ST	ST							
CHK	ST	ST	ST	ST							
DATE	1-24-96	7-18-96	3-20-97								
REV	C1	C2	1	2							

X3-925800-01		REFURBISHED			
03-925800-01		NEW			
03-925800-00		DRAWING ONLY			
PART NUMBER		DESCRIPTION			
DRWN	DATE	APPROVED	DATE	CODE	
S. McRAE	1-23-96	S. POWER	2-5-96		
CHKD	DATE	APPROVED	DATE	CLASS	
ST	2-2-96	S. POWER	2-5-96		
ASSY, PWA, FRONT PANEL					
NOT OTHERWISE SPEC: ANG±					
varian					
FULL	38	1 OF 2	D	03-925800-00	2
SCALE	DIV	SHEET	SIZE	DRAWING NO	REV

D
03-925800-00

A

PWA: **ASSY., PWA, FRONT PANEL**

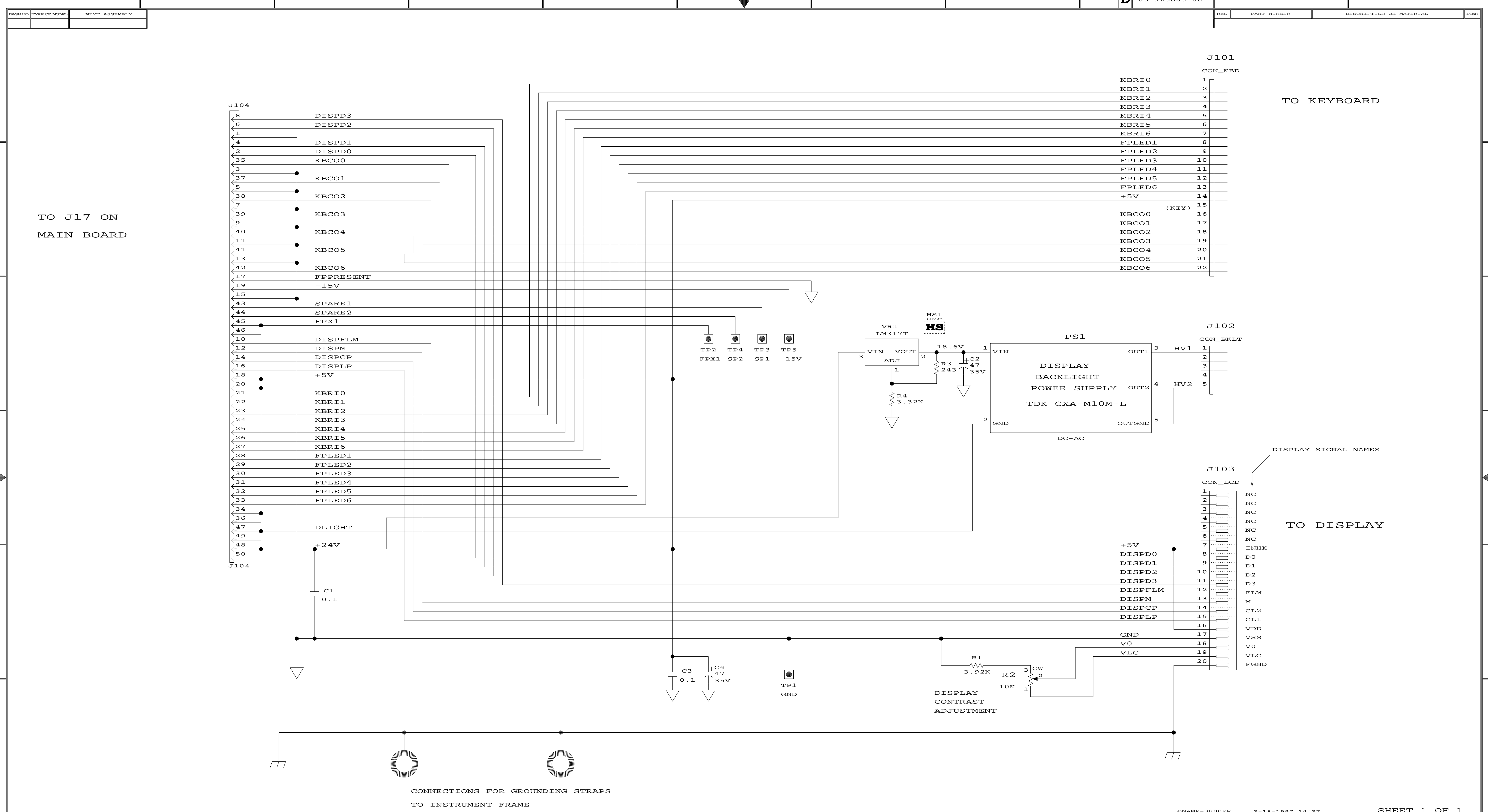
ASSEMBLY: **03-925800-01**

DATE: **3-20-97**

REV: **2**

Sheet: 2 of 2

<u>Item</u>	<u>Ref Designator</u>	<u>Qty</u>	<u>Part Number</u>	<u>Part Description</u>
1		1	03-925801-01	FAB,PWA,FRONT PANEL
2	C1,C3	2	41-290010-00	CAP,0.1U,50V,20%,CER
3	C2,C4	2	41-503909-00	CAP,47UF,35V,20%,AL
4	J101	1	51-409184-00	CON,BERG,22PIN,.1
5	J102	1	51-407450-00	CON,MOLEX,5PIN,.1
6	J103	1	51-210133-00	CON,SAMTEC,20PIN,.1,RT
7	J104	1	51-209157-00	CONN,50PIN,HEADER,RIBBON
8	PS1	1	78-501304-00	INV,DC-AC,600VRMS
9	R1	1	31-102270-00	RES,MF,3.92K,1/4W,1%,100PPM
10	R2	1	36-883308-00	RES,VAR,10K,1T
11	R3	1	31-102154-00	RES,MF,243,1/4W,1%,100PPM
12	R4	1	31-102263-00	RES,MF,3.32K,1/4W,1%,100PPM
13	HS1	1	66-901050-00	HEATSINK,TO-220,TH6072B-MT-SF1
14	VR1	1	62-600876-00	IC,LM317T,LINEAR_REGULATOR
15		1	13-312004-00	NUT,KEPS,4-40,SST
16		A/R	88-298900-00	HEATSINK COMPOUND



CONNECTIONS FOR GROUNDING STRAPS
TO INSTRUMENT FRAME

DO NOT SCALE DRAWING @NAME=3800FP 3-18-1997_14:37 SHEET 1 OF 1

- FOR ASSY SEE DRAWING 03-925800-00, PART 03-925800-01.
- FOR FAB SEE DRAWING 03-925801-00, PART 03-925801-01.
- FOR A/W SEE 03-925802-00.
- ALL RESISTORS ARE IN OHMS, 1/4W, 1%, 100ppm.
- ALL CAPACITORS ARE IN UF, 50V.

NOTES : (UNLESS OTHERWISE SPECIFIED)

REVISION	NOT RELEASED	C RELEASE (AS C2)	C2, C4 CHANGED TO 47UF. B RELEASE	ADD REG. (ITEMS 1,1-16)	DATE	APPROVED	DATE	CODE
	AS C1							
NUM								
EO								
DFT		SRP	SRP	SRP				
CHK		ST	SRP	SRP				
ENR		1-29-96	7-16-96	3-20-97				
REV	C1	C2	1	2				

DRAWN	S. POWER	DATE	1/18/96	APPROVED	F. FALLI	DATE	2-5-96	CODE	
CHECKED	ST	DATE	2-2-96	APPROVED	S. POWER	DATE	7-19-96	CLASS	
					R. KLEE	DATE	7-19-96		

SCHEM., PWA, FRONT PANEL			
NOT OTHERWISE SPECI	FRAC+/-	ANG+/-	SCALE
FIN	DEC .X+/-	.XX+/-	.XXX+/-
38	D	03-925803-00	2
DIVISION	SIZE	DRAWING NO.	REV