## FITCHBURG TEST INSTRUCTIONS

BD. #125	D460AA	SCHEMATIC NO.	DATA SHEET NO. 165A663BB	BD. NO.	SER. NO.
TU	RBINE	2. 72. 13. 12.	20,1100,100		
TE	ST: INSTRUCTIONS	765A667 AA	EQUIPMENT	[	MIE
1.	O INSPECTION				
ļ	.l Identificat	ion .3	Solder/Wire	.5 Key	Slot
	.2 Comp./ Conn		Temp. Cycle	.6	
	0.00.00		3	.7	
			17		
R	emarks:				
		•			
2.	O BOARD SET-UP				
	1 Add R101 (249 <b>S</b>	N = #33			
•	r - vaa kidi (549. <b>7</b> )	() 30			
<u>3</u> .	O TEST SET-UP				
	Marin Marian Craid	- l- Orm		•	
			C, -12 VDC, to Test I	V:+	
•	Use DC voltage	standard: Connect	up PS1 (0 to +10 VD)	c).	
	Set to 0.0 VDC.			• •	
.1		standard: Connect	up PS? (0 to +10 VD	c),	
. 5	Set to 0.0 VDC.	as to other thanson	anuition)		
.6	Turn 9 P109	FULL CW, I	nosition) 104 coss, a flog	ecu.	
1.	·			•	
<u>!</u> + . (	BOARD TEST: RECO	ORD ALL REAL (1) 41			
.3	Plug Board into	AA Position.			
- 3	Turn power switch	ch ON.			
. 3	Read +15 VDC cur	rent, 100 MA max.			
.4	Read +12 VDC cur	rrent, 100 MA max.	(		
.6	Read -12 DC cur	rent, 10 MA max.	7.		
.7	Set PS1 to +1.00	00 + .010 VDC.	1 1		
8.	Set PSî to +1.00	010 VIC. US€	2 62.552 Resistor to	o com fortiv	
.9	0 Set PS1 to +1.00	., +2.00 + .1.0 VI	C.		
.1		) + 010 VDC.			
.1	በ Read 〈L` ጥኮነበ	$0.15 \pm 0.04$			
.1	3 Set PS2 to 0.00	VDC. (Sel Pohri?	, to O.)		
	4 Set $PS1$ for $0.00$	) + .010 VDC at <4	> TP101.		
.1	Connect DVM to -4.4 to + .4 VDC	T, TP109. Chec	k range of (2) Plo	)7,	
.10	Connect DVM to	TP102. Set	P102 until TP10	2 iust	
	reaches 0.00 + .	010 VDC.	A 1705 MIGHT LITO	,c Just	
.1		o vdc	^		
.10	Connect DVM to	3 TP102. Che	ck range of 🗘 Pl	01, -7.2	
.10	9 Set PS1 to +3.94	O VDC.			
.20		22°-5,000 + 0 10 1	DC at mps ac		
	//	>	at TP105		

Sheet 2 of 3

4.0	BOARD TEST (continued)	
<b>~1</b>	. Set PSl_to +4.920 VDC.	
.^2	Set 2 202 for -5 00 + 0 010 VDC at mp103	
. 3	Set PS1 to +0.980 VDC.	
54	TP102 should be 0.00 + .000 VDC.	0.75
.75	Connect DVM to PP103. Set PS1 for 0.00 ± .010 V.C at TP103.	
. 26	Connect PM to 89 P104. Set 3: P103 for 0.00 + .000 VDC.	
.27	connect 5 1 to 0 11 10 1 10 10 10 10 10 10 10 10 10 10	
.20	Connect DVM to 9 TP104. Check range 4 P104, +1.10 to +10.50 VDC. Set 4 P104 FULL CCW.	
20		
(39)	Connect DVM to 9 TP104. Check range of 3 P103, -1.8 to +6.1 VDC.	-
.31		
.32	Connect DVM to 6 TP103, set PS1 for -5.00 + 010 VDC at TP103	
-33	Connect DVM to 9 TP104. Set 4 P104 for +4.66 + .010 VDC.	
34	Connect DVM to 9 TP104. Set 4 P104 for +4.66 + .010 VDC. Set 3 P103 for +5.79 + 0.010 VDC at 9 TP104.	
. 35	Connect DVM to .6/ TPIO3 Set PSI for 0.00 + 010 at TPIO3	
.30	Connect DVM to 9 TP104. Should be +1.110 to +1.150 VDC.  (Tight Limit Adjust 3 P103 if necessary).	
:37	Set Pl CW Connect NVM to (1) mpios charles a	
*31	Set Pl CW. Connect DVM to 11 TP108. Check range of 5 Pl06, ±3.8 to +7.0 VDC.	
1.38	Set 5 P106 to +5,79 +.010, -0.00 VDC at TP108.	
.39	Company of Diff. In the company of t	
149	PRESS S4. Set S1 and S6 to ON. Connect DVM to (7) TP105 Check	
/		1,5
V41 42		
J.43	Set S6 OFF. Check range of P108 at TP105, +5.50 to +7.49 VDC.	
4.45		
	PRESS S5. Connect DVM to (9 TF104. Set (1) P104 to +1.13 +.010 VDC.	
.45	Connect DVM to TP105. Should be +1.09 to +1.14 VDC.	
.46	Check for less than 1 1 between P17 and P28.	
7 (	Check for infinite OHMS between FCB and PCB. SET SI (F)	===
<b>)</b> ,40	Connect IVI to Clo TP107, Set P1 for +2 00 + 010 VI	
-49	PRYSS S4. Connect DVM to 37; TP105, should be +1.0, to + 01 VPC	
51	Check for infinite OHMS between F 7 and F 8.	
.52	Check for less than 1 \O between P & and P29.  Connect DVM to \O TP104. Set PS1 for +5 790 + 001 VDC at TP104	12
	Connect DVM to O TP104. Set PS1 for +5.790 +.001 VDC at TP104. Connect DVM to 10 TP107. S.t P1 for +5.790 +.001 VDC.	

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## FITCHBURG TEST INSTRUCTIONS BD. #125D460 AA

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4.0	BOARD TEST (continued)	
.55 .56 .57 .58 .59 .60 .61 .62 .63	Connect DVM to 3 TP104. Set do P106 to +1.13 +.001 VDC.  Connect DVM to 10 TC107. C t 21 for +1.130 +.001 VDC.  Connect DVM to F38 (+) and F37 (-). should be 0.00 + .000 VDC.  Connect EVM to 3 TP104. Set P1 full COW, then CW for +3.00  + .10 VDC. Press S5.  Connect DVM to 13 TP111. Should be +5.49 + .10 VDC. Set S2 ON.  Connect DVM to 13 TP111. Should be +2.9 + .2 VDC  Connect DVM to 13 TP111. Should be +0.0 +.010 VDC. Set S2 OFF.	
.67 .68 .69 .70 .71	7 TPLO5, less than 50 MV NOISE.	