

Date Printed: 5 February 2023

TEST IDENTIFICATION

TEST NAME

+V Bus Short-Circuit

TEST NO*	T1	UUT PN	04A-005
LAST TEST NO	N/A	TEST TYPE	STATIC

COMPONENTS UNDER TEST

REF DES	TYPE	PARAMETER	FAILURE MODE	TEST LIMIT
C2	CAPACITOR (GENERAL)	CONTINUITY	Short Circuit	LOWER
			N/A	N/A
C5	CAPACITOR (GENERAL)	CONTINUITY	Short Circuit	LOWER
			N/A	N/A
U1	IC (ANALOG)	CONTINUITY	Short Circuit	LOWER
			N/A	N/A
	N/A	N/A N/A	N/A	N/A
	N/A	N/A	N/A	N/A
	N/A	N/A	N/A	N/A
	N/A		N/A	N/A
	N/A	N1/A	N/A	N/A
	N/A	N/A	N/A	N/A
	N1/A	N1/A	N/A	N/A
	N/A	N/A	N/A	N/A
	N/A	N1/A	N/A	N/A
	N/A	N/A	N/A	N/A
	N1/A	N/A N/A	N/A	N/A
	N/A		N/A	N/A
	N/A	N/A	N/A	N/A
	N/A		N/A	N/A
	21/2	N/A	N/A	N/A
	N/A		N/A	N/A
	NI/A	N/A	N/A	N/A
	N/A		N/A	N/A
	NI/A	N/A	N/A	N/A
	N/A		N/A	N/A
	N1/A	N/A	N/A	N/A
	N/A		N/A	N/A



Date Printed: 5 February 2023

TEST PROCEDURE

PURPOSE		
Verify power rail is not shorted to ground.		
, ,		
SCOPE		
Handheld multimeter measurement at test points.		
·		
	N/A	
	-1	



Date Printed: 5 February 2023

POWER

None

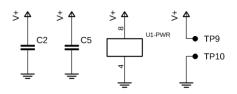
STIMULI

None

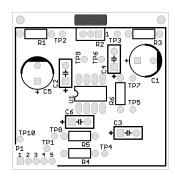
MEASUREMENT

Measure resistance between +V and GND.

SIGNAL PIN TP9



RETURN PIN TP10





Date Printed: 5 February 2023

ACCEPTANCE CRITERIA

PARAMETER	LOWER LIMIT	TARGET VALUE	UPPER LIMIT	UNITS
RESISTANCE	150	N/A	N/A	Ω

TEST RESULTS

RESULT	NEXT STEP	ADJUST	REPLACE
IN TOLERANCE	T2	N/A	N/A
OOT HIGH	N/A	N/A	N/A
OOT LOW	END FAIL	N/A	C2, C5, U1
OOT HIGH AND UNABLE TO ADJUST	N/A	N/A	N/A
OOT LOW AND UNABLE TO ADJUST	N/A	N/A	N/A



Date Printed: 5 February 2023

THIS SPACE INTENTIONALLY BLANK

FORM CONTROLS

Save

Save and Close

Close Without Saving

Delete

Log Entry Key 20230205184437 Computer ID desktop-jti13j1

User ID nolan

Date Time 20230205190445

PDF C:\Repos\miniPCB\EAGLE\miniPCB\04\A\04A-005\TESTbase v2\Tests\PDFs\T1.pdf