

## TEST IDENTIFICATION

## TEST NAME

U1 Pin 1 Short-Circuit

TEST NO\* T3

UUT PN 04A-005

LAST TEST NO T2

TEST TYPE STATIC

## COMPONENTS UNDER TEST

REF DES	TYPE	PARAMETER	FAILURE MODE	TEST LIMIT
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	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
			N/A	N/A
			N/A	N/A
			N/A	N/A
			N/A	N/A

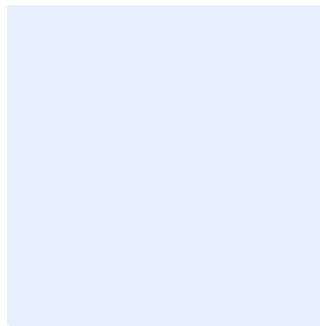
## TEST PROCEDURE

**PURPOSE**

Verify opamp output is not shorted to ground.

**SCOPE**

Handheld multimeter measurement.



N/A

## POWER

None

## STIMULI

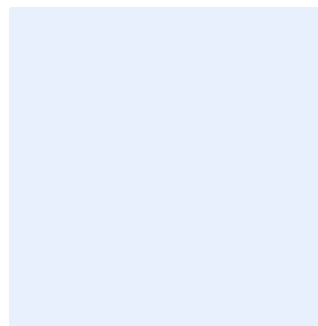
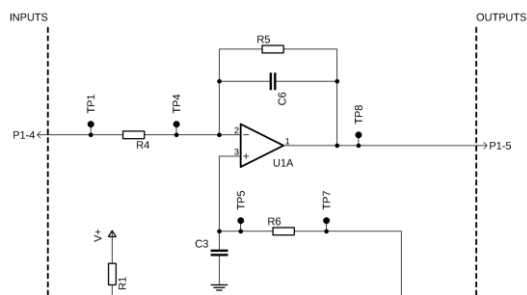
None

## MEASUREMENT

Measure resistance between opamp output pin and ground.

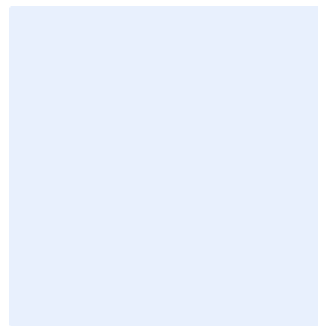
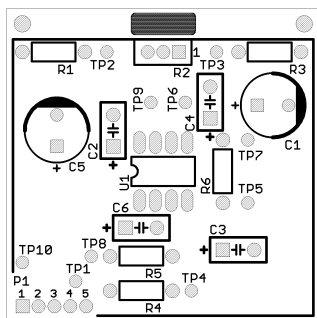
## SIGNAL PIN

TP8



## RETURN PIN

TP10



## ACCEPTANCE CRITERIA

PARAMETER	LOWER LIMIT	TARGET VALUE	UPPER LIMIT	UNITS
N/A	10 K $\Omega$	N/A	N/A	$\Omega$

## TEST RESULTS

RESULT	NEXT STEP	ADJUST	REPLACE
IN TOLERANCE	T4	N/A	N/A
OOT HIGH	N/A	N/A	N/A
OOT LOW	END FAIL	N/A	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



DETAILED TEST INFORMATION

Date Printed: 5 February 2023

THIS SPACE INTENTIONALLY BLANK

FORM CONTROLS

Save

Save and Close

Close Without Saving

Delete

Log Entry Key 20230205185421  
Computer ID desktop-jti13j1  
User ID nolan  
Date Time 20230205185421  
PDF C:\Repos\miniPCB\EAGLE\miniPCB\04\A\04A-005\TESTbase v2\Tests\PDFs\T3.pdf