

Keithley 2001 repair - Feature #885**Keithley 2001 thermal evaluation**

12/28/2013 09:28 PM - tin

Status:	Closed	Start date:	01/01/2014
Priority:	Normal	Due date:	01/01/2014
Assignee:	tin	% Done:	40%
Category:		Estimated time:	4.00 hours
Target version:	Keithley 2001 #4		
Description			
Thermal camera : Fluke Ti32			

History**#1 - 12/28/2013 09:49 PM - tin**

- Project changed from R&E to Keithley 2001 repair

#2 - 12/30/2013 03:26 AM - tin

- Due date changed from 12/29/2013 to 01/01/2014

- Start date changed from 12/29/2013 to 01/01/2014

Postponed to 1/1/14

#3 - 01/02/2014 12:14 AM - tin

- Category set to 60

- Status changed from New to In Progress

- Target version set to Keithley 2001 #4

- % Done changed from 0 to 40

Processing data.

Captured thermal images for

Keithley unit [#4](#)

Analog board: A09891

Second analog board from Keithley #1 (passes selftest on 110VAC after warmup)

ADC board: A39577

#4 - 01/02/2014 01:04 AM - tin

- File k1_top1.jpg added

- File k1_top2.jpg added

- File a09891_top1.jpg added

- File a09891_top2.jpg added

- File a09891_R286.jpg added

- File k1_R286.jpg added

- File k1_right_a98_left_U324.jpg added

Added exported images

Keithley #1 running self-test continuously , PASS

Keithley [#4](#) running self-test continuously , FAIL

Suspected failures: R286 related components, CR335, U324 related components, Q540

#5 - 01/02/2014 01:21 AM - tin

- File a09891_vref3.jpg added

- File a09891_vref2.jpg added

- File a09891_vref.jpg added

- File IR000091.png added

- File IR000089.png added

- File IR000088.png added

- File IR000093.png added

- File IR000092.png added

- File IR000075.jpg added

- File a09891_back.jpg added

#6 - 01/02/2014 01:26 AM - tin

- File a09891_adc_off.jpg added

- File adc_top_off.jpg added

- File OR000167.jpg added

#7 - 02/24/2015 09:38 PM - tin

- Status changed from In Progress to Suspended

#8 - 07/03/2015 04:42 AM - tin

- Status changed from Suspended to Closed

Files

k1_top1.jpg	107 KB	01/02/2014	tin
k1_top2.jpg	94.6 KB	01/02/2014	tin
a09891_top1.jpg	94.8 KB	01/02/2014	tin
a09891_top2.jpg	108 KB	01/02/2014	tin
a09891_R286.jpg	57.2 KB	01/02/2014	tin
k1_R286.jpg	48.1 KB	01/02/2014	tin
k1_right_a98_left_U324.jpg	58.4 KB	01/02/2014	tin
a09891_vref3.jpg	73.2 KB	01/02/2014	tin
a09891_vref2.jpg	73.8 KB	01/02/2014	tin
a09891_vref.jpg	73.2 KB	01/02/2014	tin
IR000091.png	130 KB	01/02/2014	tin
IR000089.png	99.3 KB	01/02/2014	tin
IR000088.png	96.7 KB	01/02/2014	tin
IR000093.png	112 KB	01/02/2014	tin
IR000092.png	104 KB	01/02/2014	tin
IR000075.jpg	42.2 KB	01/02/2014	tin
a09891_back.jpg	106 KB	01/02/2014	tin
a09891_adc_off.jpg	152 KB	01/02/2014	tin
adc_top_off.jpg	152 KB	01/02/2014	tin
OR000167.jpg	26.6 KB	01/02/2014	tin