

Modification Recommended Service Note

Supersedes:
NONE

U7179A 16-Channel High Current Load Card up to 15A

Serial Numbers: MY58120772 to MY58121103

The Problem – Wrong hardware ID detection on U7179A load card by System Configuration Editor (SCE) software when there are 10 or more cards in the E6198B SLU and it happens only on the left most slot of U7179A card.

Parts Required:

P/N	Description	Qty.
U7179-81000	High Current Load Card up to 15A	x1

ADMINISTRATIVE INFORMATION

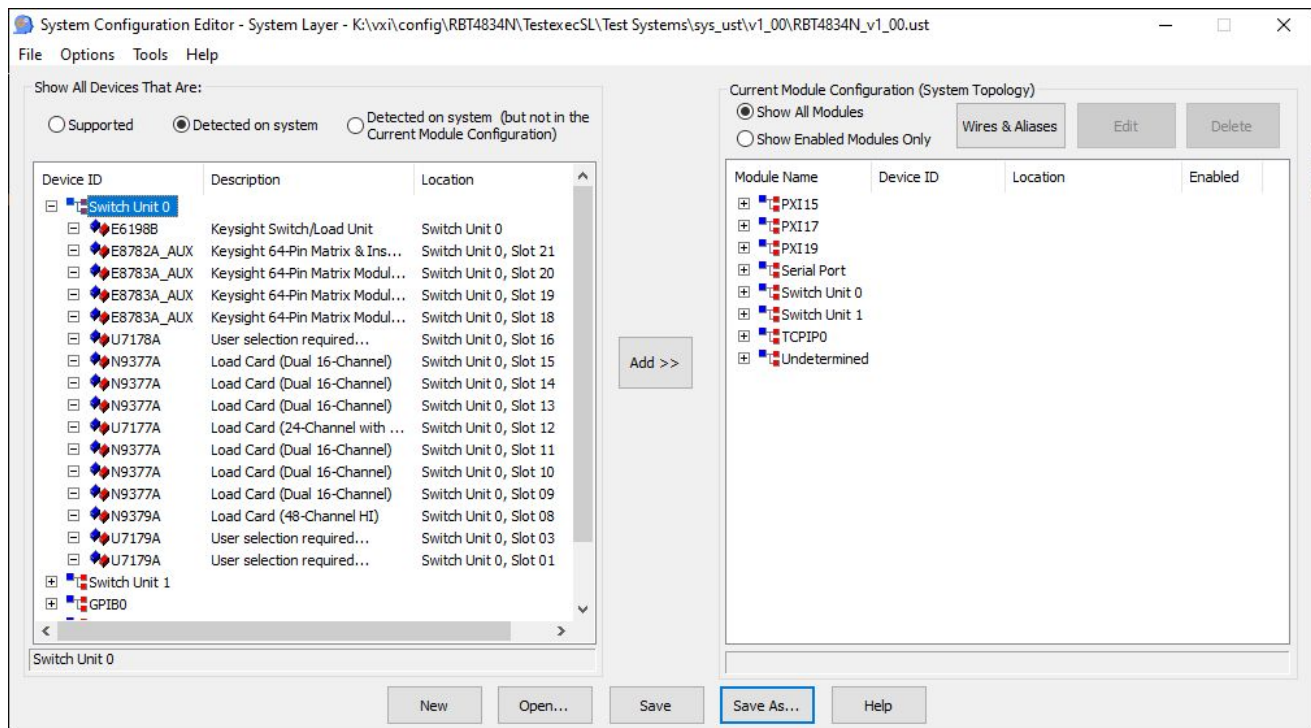
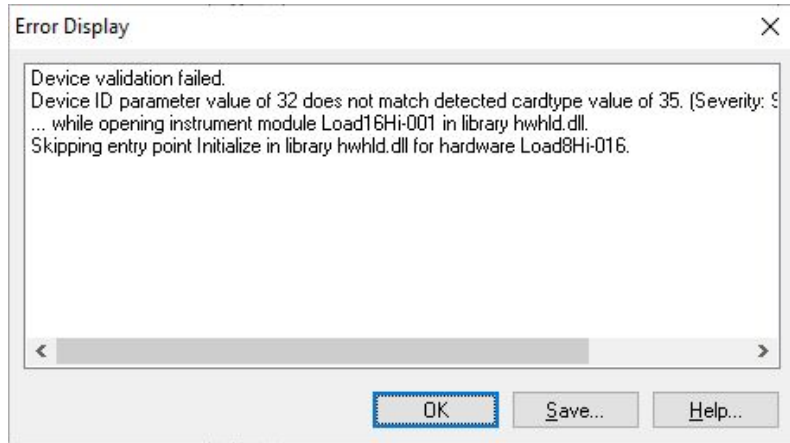
ACTION	<input checked="" type="checkbox"/> ON SPECIFIED FAILURE	STANDARDS			
CATEGORY:	<input type="checkbox"/> AGREEABLE TIME	LABOR:	2.0 Hours		
LOCATION	<input type="checkbox"/> SERVICE CENTER	SERVICE:	<input checked="" type="checkbox"/> RETURN	USED	<input checked="" type="checkbox"/> RETURN
CATEGORY:	<input checked="" type="checkbox"/> ON-SITE (active On-site contract required)	INVENTORY:	<input type="checkbox"/> SCRAP	PARTS:	<input type="checkbox"/> SCRAP
	<input type="checkbox"/> CHANNEL PARTNERS		<input type="checkbox"/> SEE TEXT		<input type="checkbox"/> SEE TEXT
AVAILABILITY:	PRODUCT'S SUPPORT LIFE	NO CHARGE AVAILABLE UNTIL:	July, 2025		
	<input type="checkbox"/> Calibration Required	PRODUCT LINE:	QW		
	<input checked="" type="checkbox"/> Calibration NOT Required	AUTHOR:	MC.Lim		

ADDITIONAL INFORMATION:

Situation:

If all load cards are populated in the E6198B SLU (see screenshot), the hardware ID of the U7179A load card in the left-most slot (slots 1 or 3) is not recognized correctly. The correct ID for U7179A card is 32, while the invalid IDs that have been observed could be 33, 35, 36, 37, 38, 39, 40, 41, 44, 46, and 47 (not fixed).

i.e. TestExec gives the following error message when it starts:



Hardware ID detection error only occurred if there are 10 or more cards in the SLU and happened at the left-most slot of the U7179A card. It is determined that delay in control signals that are fed to the ID IC will result in different U7179A ID. This delay causes the time mismatch on the timing diagram thus affecting U7179A ID signals.

Solution/Action:

When the U7179A load card is identified within the affected serial number range, replace the U7179A load card with U7179-81000. Otherwise, assume that the U7179A load card has no timing issue and do not proceed with this Service Note.

Revision History:

Date	Service Note Revision	Author	Reason for Change
11 Sep 2023	01	MC.Lim	As Published