

E4981A-04

S E R V I C E N O T E

Supersedes:
None

E4981A Capacitance Meter, 120 / 1 kHz / 1 MHz"

Serial Numbers: ALL

A31 Digital Board Replacement Procedure

Parts Required:

P/N	Description	Qty.
E4980-66631	PCBA, Pb-free, EXM DIGITAL	1
E4980-61627	Power Cable Assembly	1

ADMINISTRATIVE INFORMATION

SERVICE NOTE CLASSIFICATION:	
INFORMATION ONLY	
<input checked="" type="checkbox"/> Calibration Required <input type="checkbox"/> Calibration NOT Required	PRODUCT LINE: WN AUTHOR: LS
ADDITIONAL INFORMATION: This service note provide the additional part changes and procedure when repairing A31 Digital Board	

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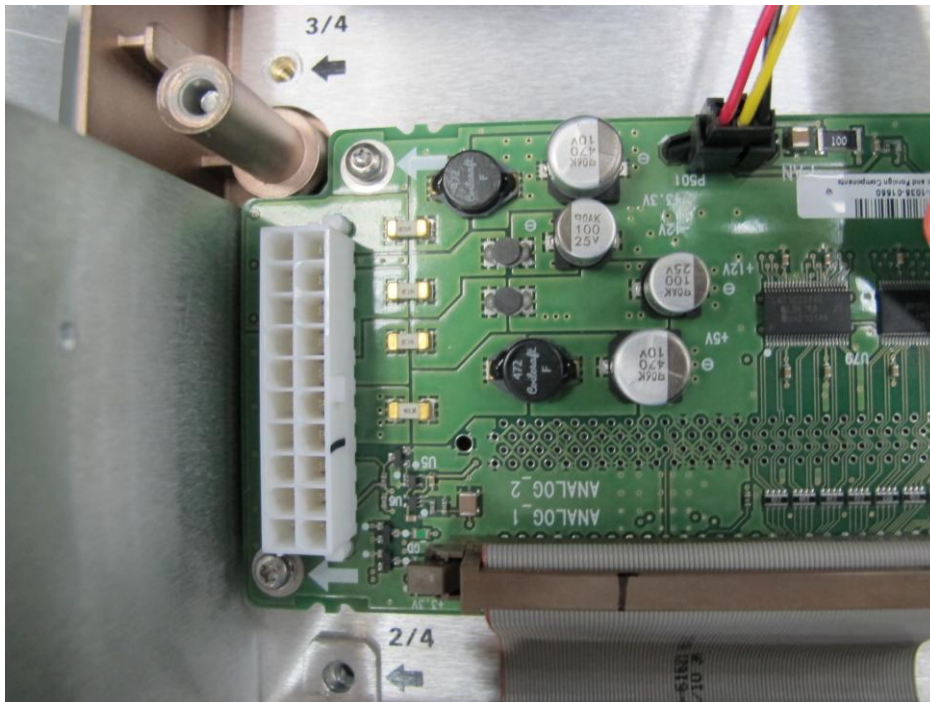
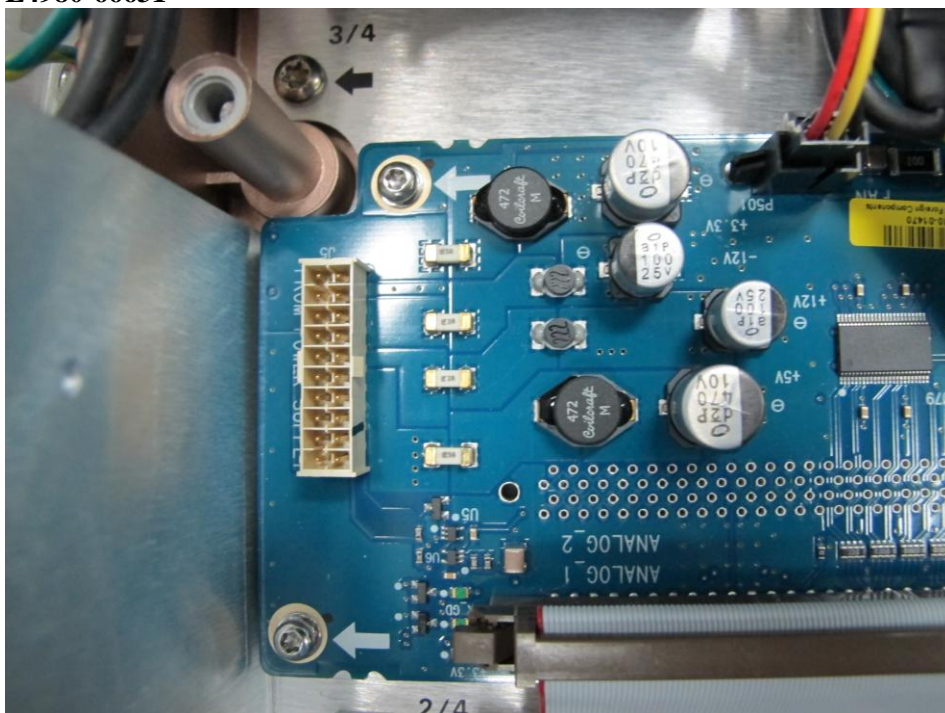
Rev. 20



Situation:

When repairing E4981A instrument A31 Digital Board, order **E4980-66631** Pb-free, Digital PCBA & **E4980-61627** Power cable assembly.

Power supply cable assembly needs to be replaced as **E4980-66631** is having different connector with previous board **E4980-66531**.

E4980-66531**E4980-66631**

Solution/Action:

1. Refer to service guide for the removal procedure – Chapter 6- “A31 Digital Board Assembly Replacement”
2. Install the A31 Digital board **E4980-66631** onto the unit as shown in figure 1-1.
3. Connect the power cable assembly **E4980-61627** from power supply unit to A31 Digital board.

Note: New A31 Digital board **E4980-66631** connector is different dimensionally. When replacing the Digital Board, it is required to replace the **E4980-61627** Power cable assembly as well. Power supply unit could be re-used and not required to be replaced.

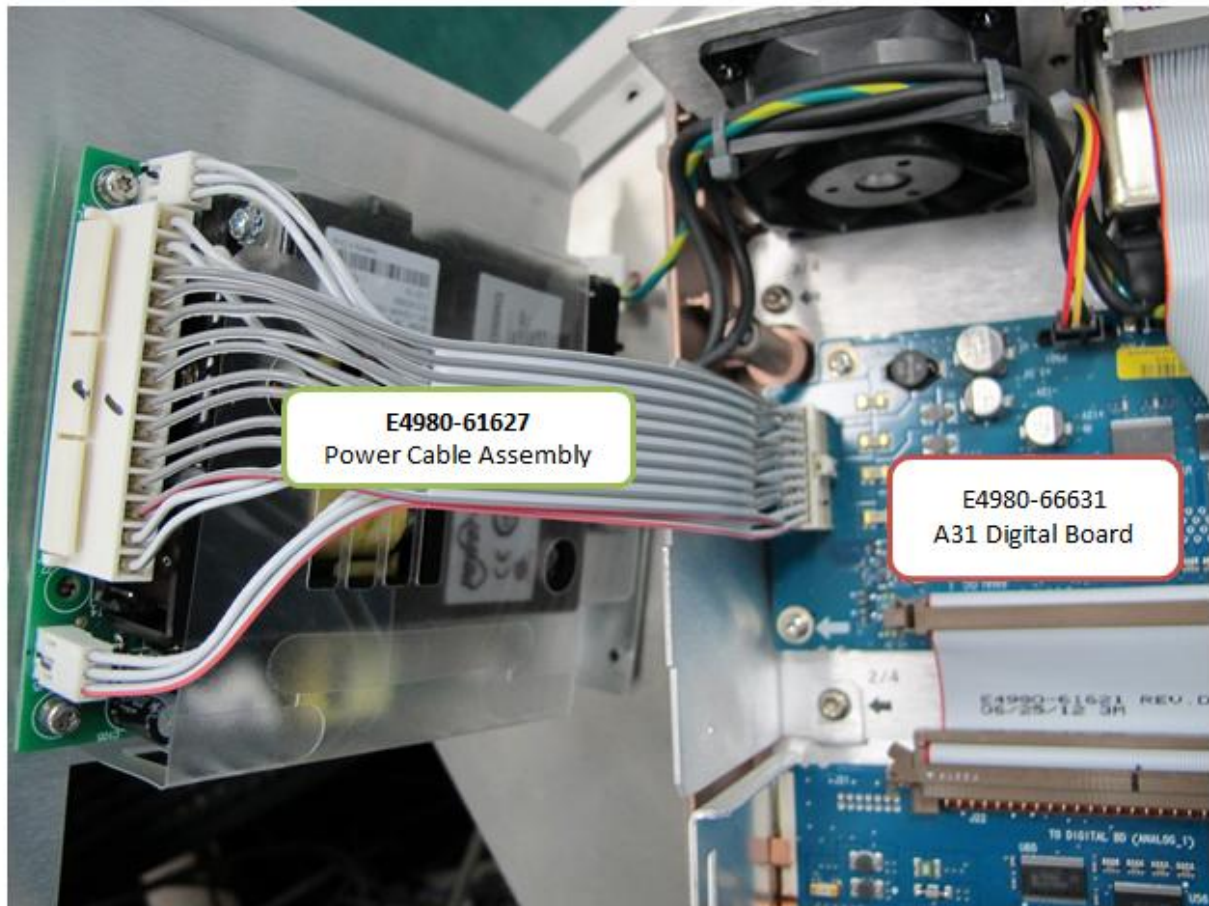


Figure 1-1

Post Repair Procedure

1. Perform the required adjustment and calibrations. Refer to service guide Chapter “Post Repair Procedure”