

E4981A-04A

Information Only Service Note

Supersedes:
E4981A-04

E4981A Capacitance Meter

Serial Numbers: ALL
Manufacturing ID Number: N/A

A31 Digital Board Replacement Procedure

Parts Required:

P/N	Description	Qty.
E4980-66661	PCBA, Pb-free, EXM DIGITAL	1
E4980-61627	Power Cable Assembly	1

ADMINISTRATIVE INFORMATION

Calibration Required
 Calibration NOT Required

PRODUCT LINE: WN
AUTHOR: LS

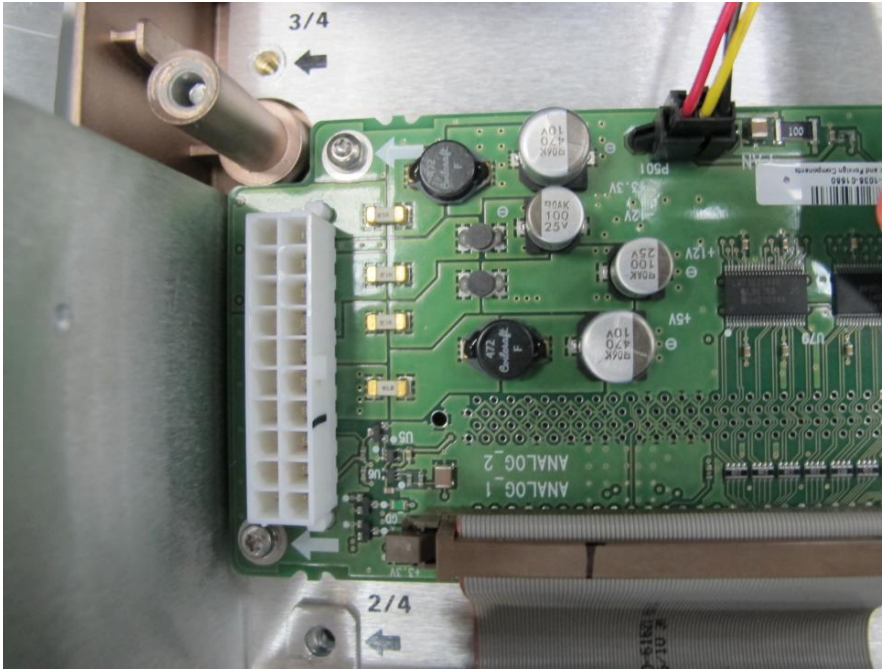
ADDITIONAL INFORMATION:

This service note provide the additional part changes and procedure when repairing A31 Digital Board.

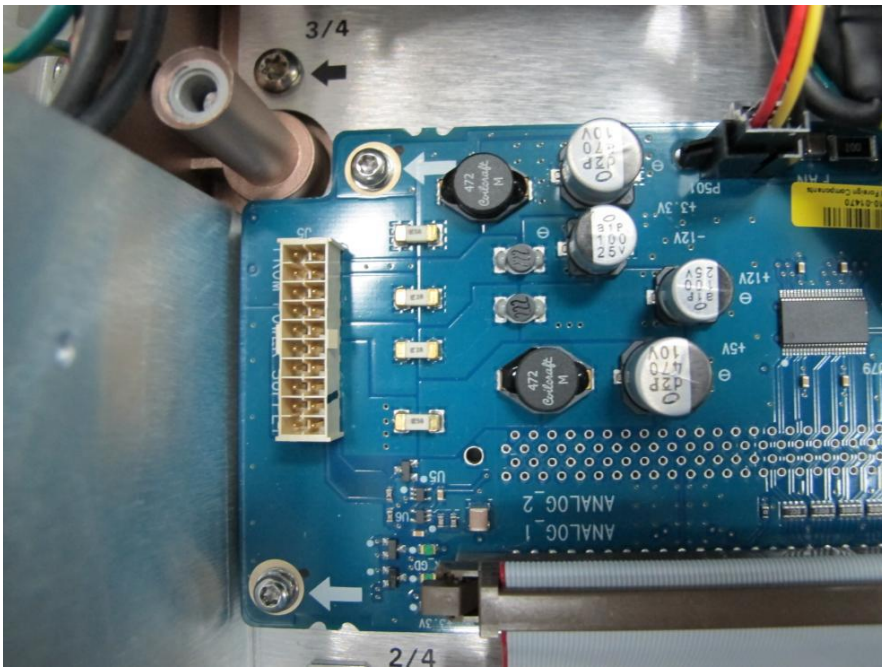
Situation:

When repairing E4981A instrument A31 Digital Board, order E4980-66661 Printed Circuit Board Assembly, Pb-free, EXM DIGITAL & E4980-61627 Power cable assembly. (E4980-66631 has been obsolete) Power supply cable assembly needs to be replaced as E4980-66661 is having different connector with previous board E4980-66531.

E4980-66531



E4980-66661



Solution/Action:

1. Refer to service guide for the removal procedure – Chapter 6- “A31 Digital Board Assembly Replacement”
2. Install the A31 Digital board **E4980-66661** 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 **E4980-66661** 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. (E4980-66631 has been obsolete).

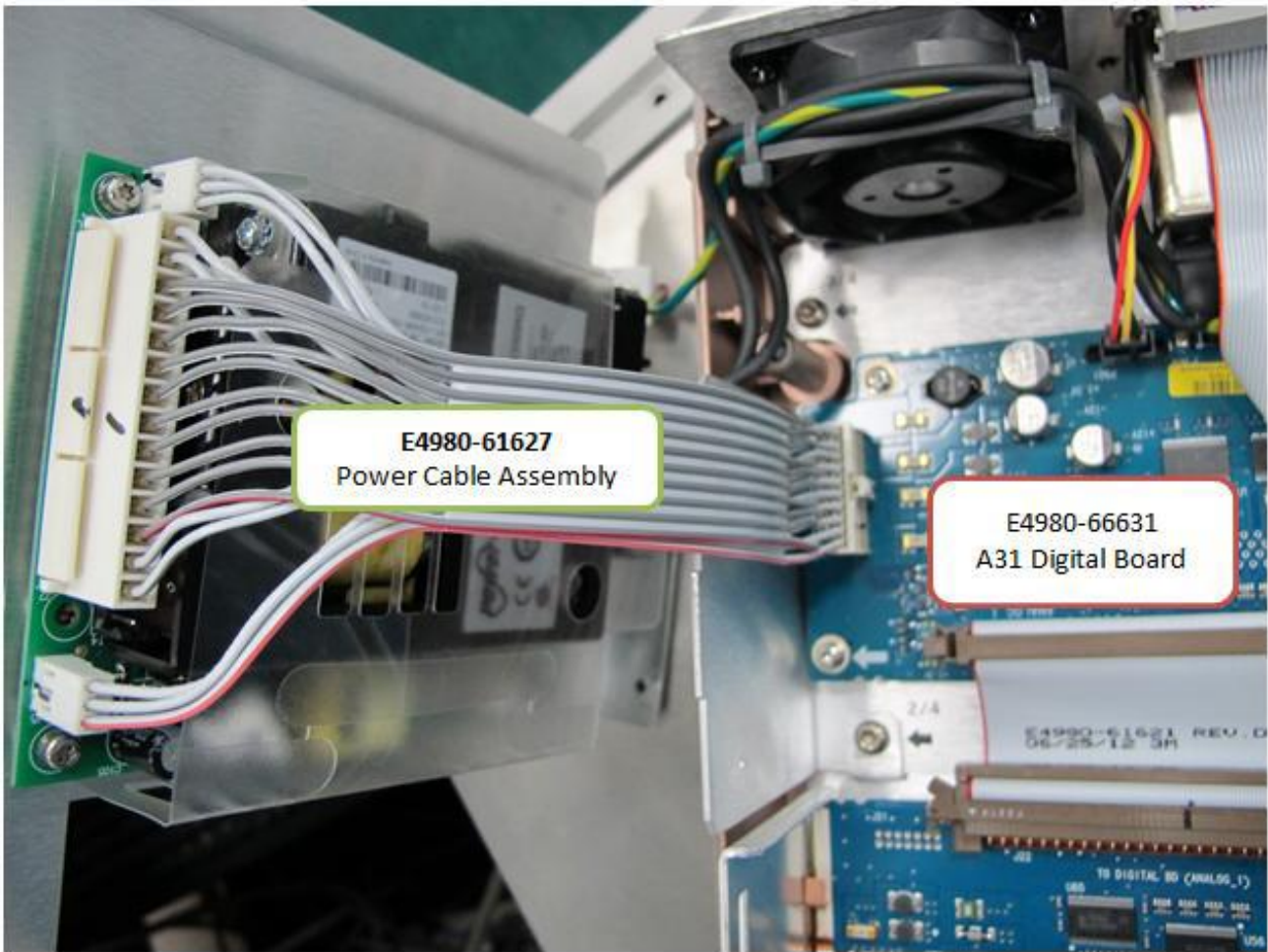


Figure 1- 1

Post Repair Procedure

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

Revision History:

Date	Service Note Revision	Author	Reason for Change
15 Oct 2012	E4981A-04	LS	As Published
15 Aug 2018	E4981A-04A	BS	E4980-66631 has been obsolete and replaced by E4980-66661