

86100D-13A

# Information Only Service Note

Supersedes:  
86100D-13

## 86100D DCA-X Wide-Bandwidth Oscilloscope Mainframe

Serial Numbers: ALL

The Argo CPU board, used during repair and upgrade, no longer supports the rear-panel Audio IN, Audio OUT, and Microphone ports

### Parts Required (for reference only):

P/N	Description	Qty
0960-3207	Argo CPU board with audio port support	1
0960-3671	Argo CPU board without audio port support	1

NOTE: 86100D CPU boards are supplied as part of a CPU assembly or CPU upgrade kit. Reference the 86100D Service Guide for the correct PNs to order.

### ADMINISTRATIVE INFORMATION

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XX Calibration Required	PRODUCT LINE: 8F
<input type="checkbox"/> Calibration NOT Required    Calibration NOT Required	AUTHOR: MM

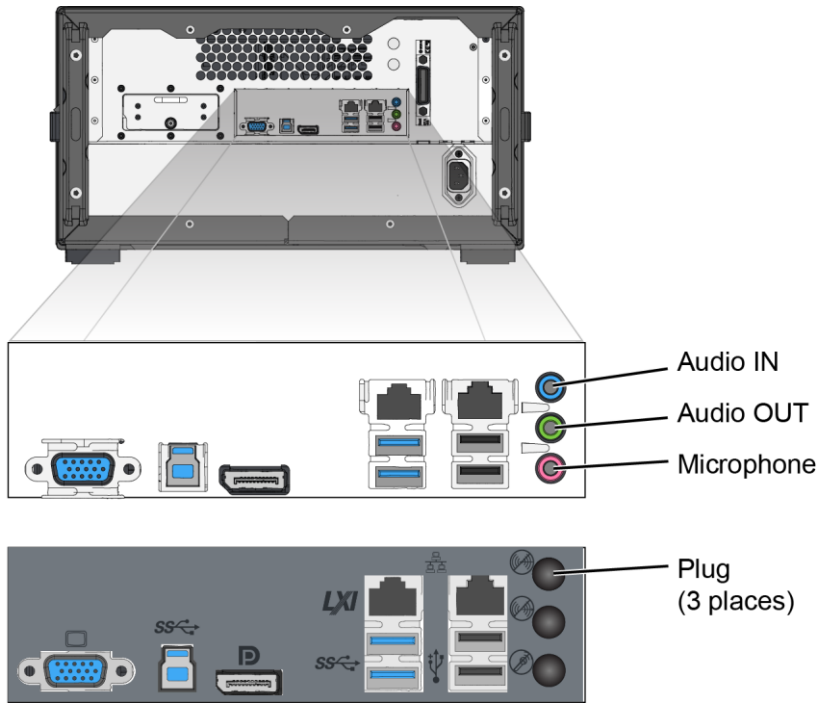
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ADDITIONAL INFORMATION:

### Situation:

Due to lack of availability of an audio IC, the 86100D Argo CPU board is no longer manufactured with support for the rear-panel Audio IN, Audio OUT, and Microphone ports. These ports are still present and should be plugged and labeled, as shown in the diagram below. This change impacts CPU boards used for repair and CPU upgrade.

86100D DCA mainframes may lose audio port support during CPU upgrade or repair if the CPU board is replaced.



### Solution/Action:

If audio functionality is desired, Keysight recommends the use of a Bluetooth USB Audio Adapter (dongle) for use with audio devices such as headphones and speakers. These devices are widely available to purchase on the open market.

### Installation Notes:

Argo CPU kits, used for repair and upgrade, without audio port support include:

- QTY 3 Plugs (1401-0581) which should be installed by pressing in to cover the audio ports.
- QTY 1 Label for Disabled Audio - Flint Gray (54911-94339) – for 86100D. This label should be installed as shown above.
- QTY 1 Label for Disabled Audio - Titanium Gray (54964-94308) – for N1000A. This label is not used for 86100D.

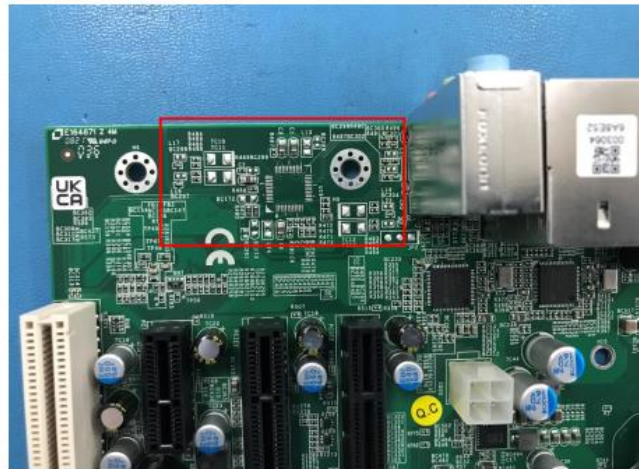
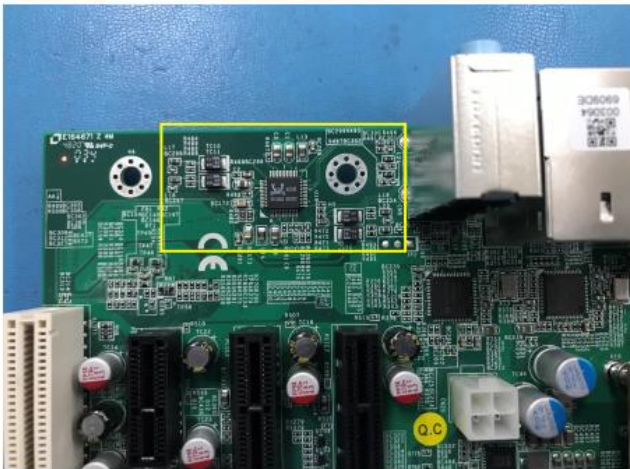
CPU Identification:

Refer to pictures below to confirm if an Argo CPU has the audio IC installed.

0960-3207: Argo CPU With Audio IC



0960-3671: Argo CPU Without Audio IC



**Revision History:**

Date	Service Note Revision	Author	Reason for Change
14 May 2021	01	MM	As Published
02 August 2021	02	MM	Update to reflect implementation change (ports plugged rather than blank plate installed)