

PCN # 2183

DATE: February 11, 2022

EXPECTED PCN SHIP DATE: February 11, 2022

**Quality Assurance**

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San Jose, CA 95134

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☐ **PROCESS CHANGE NOTICE**

☒ **PRODUCT CHANGE NOTICE**

**ANALOG DEVICES** HEREBY ISSUES NOTIFICATION OF CHANGE  
THAT MAY AFFECT THE FOLLOWING CATEGORIES:

|                                 |   |  |                               |  |
|---------------------------------|---|--|-------------------------------|--|
| <input type="checkbox"/> DESIGN | <input checked="" type="checkbox"/> WAFER FAB | <input checked="" type="checkbox"/> ASSEMBLY | <input type="checkbox"/> TEST | <input type="checkbox"/> ELEC/MECH SPECS |
|---------------------------------|---|--|-------------------------------|--|

**AFFECTED PRODUCT:**

Ordering P/N: (See PN listing XLS in PCN ZIP file)

**CHANGE FROM:** - Additional BOM and fab expansion for  
ADI products MAX15062/MAX15462/MAX17640

1. Current BOM; current assembler UTL
  - a. Die attach: 8006NS (non-conductive)
  - b. Bond wire material: gold

2. Current fab source/process: Epson/Sakata/Japan; S18 process technology

**CHANGE TO:** -

1. Additional BOM; assembly remains the same at UTL.
  - a. Die attach: HR-5104 (non-conductive)
  - b. Bond wire material: CuPd

2. Expanding waferfab supply source to Powerchip/Taiwan (Fab101) using same S18 process technology

**JUSTIFICATION:** -

- 1a. Qualifying mainstream die attach material
- 1b. The conversion to CuPd wire is an alignment with industry trends, and ADI's internal current and future alignment with CuPd.  
Note 1: UTL has been manufacturing CuPd wire products for ADI in mass production for several years. Reliability report is attached (ref. R43128CQ\_UTL\_Cu).

2. Adding Fab101 to expand wafer capacity and ensure supply continuity.  
Fab101 S18 process successfully passed ADI qualification requirements (see attachment ref. FAB101\_S18U).

There are no regulatory compliance changes to the material content of the devices.

There are no changes to Form/Fit/Function of these devices.

**TRACEABILITY:** Analog Device maintains full traceability by device marking, packaging labels and shipment documents.

Analog Devices's Change Notification System is designed to keep our customer base apprised of major product, manufacturing, or facility improvements.

*Nasser Ali Chaouche*

Nasser AliChaouche / PCN Coordinator

For further information, please contact either of the people listed below.

**Contact your local Analog Devices Company Representative**

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