

PCN # 2195

DATE: February 14, 2022

EXPECTED PCN SHIP DATE: February 14, 2022



Quality Assurance
160 Rio Robles
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 checked="" type="checkbox"/> DESIGN	<input checked="" type="checkbox"/> WAFER FAB	<input type="checkbox"/> ASSEMBLY	<input type="checkbox"/> TEST	<input type="checkbox"/> ELEC/MECH SPECS
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AFFECTED PRODUCT:

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

<p>CHANGE FROM: -</p> <p>1. MAX17552ATB+/MAX17552AUB+ (Step-Down DC-DC Converter ICs) Current die revision at existing fab Epson: PI24A-0E PI24A-0E has a remote probability to be locked in a non-switching state. This may happen if MODE pin transitions on the fly in phase relation with the LX (Inductor Connection) switching activity.</p> <p>2. MAX17530/17531/17532/17550/17552 ((Step-Down DC-DC Converter ICs) Current source for wafer fabrication at Epson/Sakata/Japan using S18 process technology</p>	<p>CHANGE TO: -</p> <p>New revised die PI24A-1B at Epson This design revision will be an OTP option that enhances the robustness of these devices, and resolves the non-switching locked state, when MODE signal is changed on the fly, during normal LX (Inductor Connection) switching operations.</p> <p>Expanding waferfab supply source to Powerchip/Taiwan (Fab101): uses same S18 process technology and includes the die upgrade for the MAX17552 described above.</p>
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<p>JUSTIFICATION: -</p> <p>1. This design revision change enhances the robustness of these devices, and resolves the non-switching locked state, when MODE signal is changed on the fly, during normal LX (Inductor Connection) switching operations.</p> <p>2. Adding Fab101 to expand wafer capacity and ensure supply continuity. Fab101 S18 process successfully passed ADI qualification requirements (see attachment ref. FAB101_S18U).</p> <p>There are no other changes to Form/Fit/Function of these devices.</p>
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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 or Nasser AliChaouche, PCN Coordinator
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