

PCN # 2199

DATE: February 14, 2022

EXPECTED PCN SHIP DATE: February 14, 2022



Quality Assurance  
160 Rio Robles  
San Jose, CA 95134

www.maximintegrated.com

PROCESS CHANGE NOTICE  
 PRODUCT CHANGE NOTICE

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

DESIGN     WAFER FAB     ASSEMBLY     TEST     ELEC/MECH SPECS

AFFECTED PRODUCT:

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

<p>CHANGE FROM: MAX17525 (Adjustable Power Limiter IC)</p> <p>1. Current die revision at existing fab TJT: PI06A-0C OVLO fault triggered at power up in customer supply range</p> <p>2. Current Datasheet revision 2, dated Dec.2017 (under EC Table)</p> <p>a. Internal OVLO Trip Level (VIN falling): current Min/Max limits 32.2/35.8 V</p> <p>b. External UVLO SET VOLTAGE currently not specified</p> <p>c. External OVLO SET VOLTAGE currently not specified</p> <p>3. Current waferfab supply source TowerJazz/San Antonio/Texas (TJT), using S18 process technology</p>	<p>CHANGE TO: -</p> <p>New revised die at TJT: PI06A-0D Fixed with new die</p> <p>New datasheet release (see DS mark-ups in attachment)</p> <p>a. new Min/Max limits 34.5/36.6 V. Rising and Falling Thresholds provided.</p> <p>b. specification added. Rising and Falling Thresholds provided.</p> <p>c. specification added. Rising and Falling Thresholds provided.</p> <p>Expanding waferfab supply source to Powerchip/Taiwan (Fab101): uses same S18 process technology and includes the die upgrade described above</p>
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JUSTIFICATION: -

1. This design revision change is needed to address the OVLO fault triggered at power-up in customer application.
2. The datasheet changes are a consequence of the design change.
3. 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 other changes to Form/Fit/Function of these device.

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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