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Notification Number:	20260901000.0	Notification Issued	September 01, 2026
Datasheet for TPLD2001			

Change Type(s)	Data Sheet/Electrical Specification
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Notification Details

Description of Change:

Texas Instruments Incorporated is announcing an information only notification. The product datasheet(s) is being updated as summarized below. The following change history provides further details.



TPLD2001

SCPS286B – JULY 2025 – REVISED JULY 2026

Changes from Revision A (February 2026) to Revision B (July 2026)	Page
• Updated Absolute Maximum Ratings - V_I from 7V to $V_{CC}+0.5V$	5
• Updated Absolute Maximum Ratings - V_O from 7V to $V_{CC}+0.5V$	5
• Updated Recommended Operating Conditions - $F_{(EXT_OSC)}$ at $V_{CC}=1.8V \pm 0.09V$ from 10MHz to 25MHz.....	5
• Removed Electrical Characteristics - I_{off}	5
• Updated Electrical Characteristics - VREF (Internal VREF error) from $\pm 14\%$ to $\pm 7\%$	5
• Updated Electrical Characteristics - T_{ERR} (Temperature sensor accuracy) and T_{OUT} (Temperature sensor output).....	5
• Updated Switching Characteristics - f_{err} (Oscillator frequency error).....	5
• Corrected PWM generator Connection Mux input connections.....	29
• Updated Temperature sensor offset, slope, and transfer function.....	78

The datasheet number will be changing.

Device Family	Change From:	Change To:
TPLD2001	SCPS286A	SCPS286B

These changes may be reviewed at the datasheet links provided.

<http://www.ti.com/product/TPLD2001>

Reason for Change:	To accurately reflect device characteristics
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Anticipated impact on Form, Fit, Function, Quality or Reliability:	None
Changes to product identification resulting from this PCN:	None

Products Affected:			
TPLD2001DGSR	TPLD2001RJYR		

In performing change qualifications, Texas Instruments follows integrated circuit industry standards in performing defect mechanism analysis and failure mechanism-based accelerated environmental testing to ensure wafer fab process, assembly process and product quality and reliability. As encouraged by these standards, TI uses both product-specific and generic (family) data in qualifying its changes. For devices to be categorized as a 'product qualification family' for generic data purposes, they must share similar product, wafer fab process and assembly process elements. The applicability of generic data (also known at TI as Qualification by Similarity (QBS)) is determined by the Reliability Engineering function following these industry standards. Generic data is shown in the qualification report in columns titled "QBS Process" (for wafer fab process), "QBS Package" (for assembly process) and "QBS Product" (for product family).

For questions regarding this notice, e-mails can be sent to the contact shown below or your local Field Sales Representative.

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