

**Quality Assurance**  
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**PROCESS CHANGE NOTICE**  
 **PRODUCT CHANGE NOTICE**

**MAXIM INTEGRATED** HEREBY ISSUES NOTIFICATION OF CHANGE  
 THAT MAY AFFECT THE FOLLOWING CATEGORIES:

<input type="checkbox"/> DESIGN	<input type="checkbox"/> WAFER FAB	<input type="checkbox"/> ASSEMBLY	<input type="checkbox"/> TEST	<input checked="" type="checkbox"/> ELEC/MECH SPECS
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**AFFECTED PRODUCT:**

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

<p><b>CHANGE FROM: MAX20800T-Dxx modules:</b></p> <p>Absolute Maximum Ratings:                  Input Voltage 20V; Output Voltage 60V</p> <p>Input Current for MPPT 10.5A max.</p> <p>Output-Voltage Limiting 35.7V max. (for MAX20800T-D00#)                  Output-Voltage Limiting 41.6V max. (for MAX20800T-D01#)</p> <p>PCA outline:                  Dimension 'A' = 5.14mm (max)                  Dimension 'A1' = 0.93mm-1.13mm (min/max)                  Dimension 'D' = 99.8mm-100.2mm (min/max)                  Dimension 'E' = 37.8mm-38.2mm (min/max)</p>	<p><b>CHANGE TO: MAX20800T-Dxx modules:</b></p> <p>Absolute Maximum Ratings:                  Input Voltage 21V; Output Voltage 63V</p> <p>max sourcing current for MPPT mode 10.6A typ.</p> <p>Output-Voltage Limiting 35.9V max. (for MAX20800T-D00#)                  Output-Voltage Limiting 41.8V max. (for MAX20800T-D01#)</p> <p>PCA outline:                  Dimension 'A' = 5.20mm (max)                  Dimension 'A1' = 0.95mm-1.35mm (min/max)                  Dimension 'D' = 100mm (typ.)                  Dimension 'E' = 38mm (typ.)</p>
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**JUSTIFICATION:** The change only impacts product specifications, no change to any hardware or software component of the product.

- Absmax specification increased to support higher input voltage PV Modules
- Electrical table parameters modified to enable higher output current operation
- PCA dimension specification changed to ensure compliance over mass production

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

Maxim Integrated'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 Maxim Integrated Company Representative** or Nasser AliChaouche, PCN Coordinator  
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