

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 checked="" type="checkbox"/> DESIGN	<input 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: - Design revision change for MAX20480 (Power-System Monitor) Current DieID/DieRev (AP30A-0D/CTX7); ID Register (address: 0x00) value=0x20 Pass 3 silicon revision (see note 1 in Justification section) Problem: I2C PEC communication not compliant NACK on even PEC reads PEC: Packet Error Checking; NACK: Not Acknowledge</p>	<p>CHANGE TO: - DieID/DieRev (AP30A-0F/CHS9); ID Register (address: 0x00) value=0x30 Fixed with this Pass 4 silicon revision (see note 1 in Justification section)</p>
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JUSTIFICATION: -

This die revision change brings compliancy to the I2C PEC communication problem described above (note 1: a reference Errata document is attached)

There are no other changes to form/fit/function of the devices.

ADDENDUM: The new DieID/DieRev (AP30A-0F/CHS9) also includes new circuit change that ensures the programmed watchdog closed window lasts for the duration expected. The detailed description of this change is documented in the errata document that accompanied PCN #2091 (issued 30Sept2020) and this PCN.

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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