

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 checked="" 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: Die Revision: APX7</p> <p>Datasheet changes:</p> <ol style="list-style-type: none"> Offset error +/-0.3mV (min/max) Gain Error +/-30 LSB (min/max) Positive Full-Scale Error: +/-30 LSB (min/max) Reference Buffer Offset Drift, Reference Mode 1: +/-10mV/°C (min/max) SNR, VREF = 4.096V, reference mode 3: 92dB (min) SINAD, VREF = 4.096V, reference mode 3: 91.2dB (min) SFDR: 96dB (min) Analog Supply Current, internal reference mode: 5.0mA (min), 6.5mA (max) Analog Supply Current, external reference mode: 2.7mA (min), 3.7mA (max) Input voltage low: 0.3 x VOVDD (typ) 	<p>CHANGE TO: Die Revision: AUC3</p> <p>Datasheet changes:</p> <ol style="list-style-type: none"> Offset error: +/-15.5 LSB (min/max) Gain Error +/-15 LSB (min/max) Positive Full-Scale Error: +/-22 LSB (min/max) Reference Buffer Offset Drift, Reference Mode 0 and 1: +/-12mV/°C (min/max) SNR, VREF = 4.096V, reference mode 3: 91.7dB (min) SINAD, VREF = 4.096V, reference mode 3: 91.0dB (min) SFDR: 97.7dB (min) Analog Supply Current, reference modes 0 and 1: 4.5mA (min), 6.75mA (max) Analog Supply Current, reference modes 2 and 3: 2.9mA (min), 3.5mA (max) Input voltage low: 0.3 x VOVDD (max)
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JUSTIFICATION: Minor design modification to the reference buffer to enhance select static and dynamic performance specifications, improve settling time, and increase manufacturing throughput.

The datasheet is for the MAX11154 devices only.
Please see the attached datasheet for all changes and additional information to clarify the device operation.

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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