

Overview

The purpose of this notification is to announce that Holt Integrated Circuits has made a Die Revision Change to the HI-1590 Family of Products.

Description

Holt Integrated Circuits is implementing a minor design change to decrease tail-off for digital control and improve the yield for sinusoid no-response at 500mV over temperature.

This improvement will result in a die revision change for the HI-1590 die from Revision C to Revision D.

There is no change to Fit, Form, Function, Quality or Reliability of these devices. The products will be fully compliant to all published specifications of HI-1590 datasheet. Quality and Reliability will remain at the highest standards already demonstrated with Holt Integrated Circuits' existing products.

Reason

The purpose of this design change is to improve internal production yield over the entire extended temperature range.

Products Affected

HI-1590PCI	HI-1590CDI
HI-1590PCT	HI-1590CDT
HI-1590PCIF	HI-1590CDM
HI-1590PCTF	

Traceability

A date code of 1849 and after will facilitate part traceability for all parts and can be shipped starting Jan 1, 2019.

Qualification Data

Reliability Test	Requirement	Comment
Device Characterization	Final Test yield analysis over -55°C and +125°C temperature extremes.	Passed 100%

Response

Note: In accordance with JESD46-D, this change is deemed accepted by the customer if no acknowledgement is received within 30 days from this notice.

No response is required. For additional information or questions, please contact:

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Revision History

The following table shows the revision history for this document.

Date	Version	Revision Description
05/02/19	1.0	Initial Release