

CHANGE NOTIFICATION

NOW PART OF



Analog Devices, Inc.
1630 McCarthy Blvd., Milpitas CA
(408) 432-1900

September 05, 2017

Dear Sir/Madam:

PCN#090517

Subject: Notification of Change to LTC1645 Die

Please be advised that Analog Devices, Inc., Milpitas, California has made a change to the LTC1645 die to improve device performance. The description of the change is as follows:

An avalanche diode between the GATE and VCC pins of the LTC1645 has been improved to eliminate a potential long term drift in the maximum GATE to VCC voltage. No other functional or parametric specifications are affected and the datasheet is unchanged.

The change was qualified by performing characterization over the full operating temperature range. Extensive bench evaluations were conducted over a range of application conditions. Additionally, the new material with improved diode has already passed our extensive qualification testing which included 192 hours of HAST and 1000 hours of Burn-in at 125°C without failures. The change will not have any impact on device form, fit, or function. Product built using the new die will be shipped with a datecode of approximately 1748. Please provide an expeditious approval to this PCN, so that ADI can start to ship the new device.

Should you have any questions or concerns please contact your local Analog Devices sales representative or you may contact me at 408-432-1900 ext. 2077, or by e-mail at JASON.HU@ANALOG.COM. If I do not hear from you by November 05, 2017, we will consider this change to be approved by your company.

Sincerely,

Jason Hu
Quality Assurance Engineer