

CHANGE NOTIFICATION



Linear Technology Corporation
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(408) 432-1900

October 27, 2014

Dear Sir/Madam:

PCN#102714

Subject: Notification of Change to LTC3863 and LTC3864 Die

Please be advised that Linear Technology Corporation has made a minor metal mask change to the LTC3863 and LTC3864 die to fix a potential problem in Burst Mode operation. In some applications, the (VIN – CAP) driver voltage may increase to dangerous levels over many burst cycles. Worst case, this overvoltage condition may result in damage to the driver, causing it to fail short. This issue is dependent upon application-specific parameters including selection of external PFET, loop compensation and output load current.

The die has been changed to eliminate this issue, and revised silicon samples are available now. 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 and rigorous engineering evaluation across a broad range of application conditions. Product built using the new die will be available for shipment with a datecode of approximately 1438 or later.

If I do not hear from you by December 29, 2014, we will consider this change to be approved by your company. Improved parts may be shipped with written approval of this PCN prior to this date. Customer requests for prior revision silicon must be accompanied by a written waiver for this issue. Should you have any further questions, please feel free to contact me at 408-432-1900 ext. 2077, or by e-mail at jason.hu@linear.com.

Sincerely,

Jason Hu
Quality Assurance Engineer