CHANGE NOTIFICATION

Linear Technology Corporation
1630 McCarthy Blvd., Milpitas, CA 95035-7417
(408) 432-1900

June 21, 2016

Dear Sir/Madam: PCN# 062116

Subject: **Notification of Change to LTC3103, LTC3104**

Please be advised that Linear Technology Corporation has made minor changes to the LTC3103 and LTC3104 die. The first change addresses a potential issue at startup, particularly at temperatures below -20°C in applications with an input voltage (V_{IN}) slew rate slower than 500mV/msec. Under these startup conditions, the calibration data used to trim parametric values may not load properly upon power-up which may lead to parametric errors in the feedback voltage, switching frequency, current limit or LDO output voltage (LTC3104). Further, if Burst Mode operation is enabled, there is a small possibility that an improperly loaded trim vector could cause the buck regulator output voltage to lose regulation.

A second minor change was identified and made to successfully reduce output voltage ripple in Burst Mode operation. Output ripple has been reduced by an average of 30% in the revised silicon.

The die changes have been qualified by performing extensive engineering evaluation and test characterization over the full operating junction temperature range. In addition, the revised product will have successfully completed 1000 hours of High Temperature Operating Life (HTOL) stress prior to production release. The product datasheet remains unchanged. Product built using the revised die will be shipped with a date code of approximately 1623.

Should you have any further questions, please feel free to contact your local Linear Technology sales person or you may contact me at 408-432-1900 ext. 2077, or by E-mail JASON.HU@LINEAR.COM. If I do not hear from you by August 21, 2016, we will consider this change approved by your company.

Sincerely,

Jason Hu

Quality Assurance Engineer