

CHANGE NOTIFICATION



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

May 04, 2016

Dear Sir/Madam:

PCN#050416

Subject: Notification of Change to LTC2945, LTC2945-1 Die

Please be advised that Linear Technology Corporation has made a mask edit to the LTC2945, LTC2945-1 die to fix production yield issue for SENSE+ pin shutdown current. This datasheet parameter was proportional to an internal JFET's pinch-off voltage that has a wide tolerance. The JFET is replaced with a depletion FET in the new silicon for its better controlled threshold voltage.

The die change was qualified by performing characterization over the full operating temperature range and through rigorous engineering evaluation across a broad range of application conditions. In addition, the product successfully completed 2000 hours of HTOL stress testing and ESD performance has been confirmed. Samples of the revised die are available now upon request. Product built using the new die will be shipped with a datecode of approximately 1622.

Should you have any further questions or concerns please contact your local Linear Technology sales person or you may contact me at 408-432-1900 ext. 2077, or by e-mail at JASON.HU@LINEAR.COM. If I do not hear from you by July 05, 2016, we will consider this change to be approved by your company.

Sincerely,

Jason Hu
Quality Assurance Engineer