

## CHANGE NOTIFICATION



Linear Technology Corporation  
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(408) 432-1900

April 07, 2016

Dear Sir/Madam:

PCN# 040716

**Subject: Notification of Change to LTC2915, LTC2916, LTC2917, LTC2918 Die**

Please be advised that Linear Technology Corporation has made minor die changes to the LTC2915, LTC2916, LTC2917 and LTC2918 family to facilitate improvement in manufacturing yield and device performance.

While sample production testing over the specified temperature range ensures that all devices meet the datasheet specifications, changes were made to the 3-State Decode circuit to improve manufacturing yield over temperature. The change was made to the comparators to increase the hysteresis at both the low and high thresholds while also spreading the low and high thresholds apart. In addition, changes to the Watchdog Logic circuit from a synchronous reset to an asynchronous reset were made to the Windowed Watchdog Timeout versions for improved performance at cold temperature.

No other functional or parametric specifications are affected. The change was qualified by performing characterization over the full operating temperature range and rigorous engineering evaluation across a broad range of application conditions. In addition, the revised die has passed 1000 hours High Temperature Operating Life stress test. Revised silicon samples are available now. No changes to the datasheet will be required. Product built using the new die will be available for shipment with a datecode of approximately 1635.

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](mailto:JASON.HU@LINEAR.COM). If I do not hear from you by June 07, 2016, we will consider this change to be approved by your company.

Sincerely,

Jason Hu  
Quality Assurance Engineer