

CHANGE NOTIFICATION



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

September 5, 2012

PCN#: 090512

Dear Sir/Madam:

Subject: Notification of Change to LTC3824 Die

Please be advised that Linear Technology Corporation has made a minor change to the LTC3824 die. A minor mask revision was made to improve application robustness and sensitivity to leakage. In particular, leakage into the high impedance CAP pin may induce the possibility for the external Mosfet to turn on when the part is in shutdown. Normal active states are unaffected. To improve the part robustness, internal resistors were added to the circuit from Vcc to CAP and Vcc to GATE. These changes guarantee that the external Mosfet will never turn on when the part is in shutdown.

Product specifications are unaffected and the datasheet remains unchanged. The die change was qualified by performing characterization over the full operating junction temperature range and through rigorous engineering evaluation across a broad range of application conditions. Optical comparison of old versus new masks and electronic error checking were performed to verify the changes. Samples of the revised die are available now upon request. The revised product is currently undergoing high temperature operating life stress, which will be successfully completed through 1000 hours before production release; currently it has passed 168 hours. Product built using the new die will be shipped with a datecode of approximately 1307.

Should you have any further questions, please feel free to contact me at 408-432-1900 ext. 2519, or by e-mail at NGIRN@Linear.com. If I do not hear from you by October 5, 2012, we will consider this change to be approved by your company.

Sincerely,

Naib Girn
Quality Assurance Manager

Confidential Statement

This change notice is for Linear Technology's Customers only.
Distribution or notification to third parties is prohibited