

CHANGE NOTIFICATION



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

January 20, 2017

Dear Sir/Madam:

PCN#012017

Subject: Notification of Change to LTC3129, LTC3129-1 Die

Please be advised that Linear Technology Corporation has made a minor change to the LTC3129 and LTC3129-1 die. This change addresses a higher than normal V_{in} quiescent current, up to $150\mu A$, that may be observed when all of the following conditions are present:

- The V_{cc} LDO is operating in dropout (V_{in} within the range of 2V-4.2V)
- Burst mode is enabled and the part is operating at very light load OR the part is in UVLO because the RUN pin is below the RUN threshold
- The part is operating at an elevated temperature ($\sim 45^{\circ}C$ or greater)
- V_{cc} is not being externally back-driven to a voltage higher than V_{in}

The die change was qualified by performing characterization over the full operating junction temperature range and through rigorous bench evaluations across a broad range of application conditions. No other performance parameters are affected, and the product datasheet is unchanged. Linear Technology has had a production test screen in place since August, 2016 to avoid shipping affected parts to customers. With the release of this die revision, product yield will return to normal, improving our ability to service product demand.

Linear Technology will accept requests for revised samples within 30 days of the date of this notification. If we do not hear back from your company within this 30 days period, we will consider this Change Notice accepted by March, 20, 2017.

Should you have any 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.

Sincerely,

Jason Hu
Quality Assurance Engineer