

CHANGE NOTIFICATION



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

September 8, 2014

Dear Sir/Madam:

PCN# 090814

Subject: Notification of Change to LTC3605/LTC3605A Die

Please be advised that Linear Technology Corporation has made a minor metal mask change to the LTC3605/LTC3605A die to fix a potential start up issue. Applications using a low value inductor resulting in large inductor current ripple can cause a temporary Vout glitch during start up. This is caused by the inductor current exceeding the -2A negative current limit. The new silicon increases the negative current limit to -3.5A and also disables switching frequency fold-back during start up. These changes have been proven to eliminate the potential issue.

No functional or parametric specifications are affected and the datasheet is unchanged. The change was qualified by performing characterization over the full operating temperature range and rigorous engineering evaluation across a broad range of application conditions. Products built with the new die will be available with approximate datecodes as mentioned in table below:

Part Number	Cutoff Datecode (Approx.)
LTC3605	1515
LTC3605A	

Should you have any further questions, please feel free to 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 November 8, 2014, we will consider this change approved by your company.

Sincerely,

Jason Hu
Quality Assurance Engineer