



**ON Semiconductor**

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PRODUCT ALERT

31 MAY2007

ON Semiconductor wishes to notify all customers who have purchased the following parts of a potential application issue with this product.

**ON Semiconductor Part Types:**

NCP1606ADR2G

NCP1606BDR2G

NCP1606APG

NCP1606BPG

**Affected Manufacturing Lot Numbers:**

All products sampled or purchased prior to June 2007.

**Summary of evaluations and findings:**

When Vcc collapses slowly, the last output drive pulse can stay on for several microseconds longer than desired, which can potentially saturate the inductor and cause failure.

Modifications are being implemented on the product to improve robustness without affecting the parametric performance of the device. All products shipped after June 20<sup>th</sup> will be of the improved version.

For assistance, please contact;

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**Important note:** You must determine what actions to take to notify anyone who has procured affected product directly or indirectly from you.