



Simtek Corporation

Product Change Notification [PCN]

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PCN # **10030** **00** PCN Status **Preliminary**

PCN Date **November 10, 2005** PCN Type **Product Change**

PCN Title **Planned Product Change: STK17T88 256K monolithic RTC**

PCN Detail
Customers are hereby notified of a number of planned changes to the STK17T88 256K RTC. These changes are planned to take effect in late Q1 of 2006:
1. Improve the startup circuitry to allow for faster power ramp rates;
2. Implement a more robust power-up recall and soft recall algorithm;
3. Implement a number of SRAM timing changes to allow for more 25ns distribution;
4. Decrease oscillator time to start [tOSCS].
Samples will be available from early January 2006.
Qualification data will be available by mid-February 2006.
Production quantities will become available from mid March 2006.
Production of the current design revision will continue into early Q2 of 2006.

Background Reason for Change Issue Addressed
These changes are being made to improve overall field performance of the product and to increase 25ns distribution to meet customer demand.
No changes will be made to the current datasheet specifications.
The new revision of the product will be marked "H" on the topside of the package. The current revision level is "G".

Product[s] Affected
STK17T88 256K monolithic RTC in 48 300 SSOP package.

Additional Information Respond By
For further information please contact Simtek Applications Engineering at appseng@simtek.com. Requests for samples for evaluation should be made through normal Simtek sales channels.

Samples Available From **Early January 2006**

Target Product Availability Date **Mid March 2006**

Confirmed Availability Date/Datecode **TBD**

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For Simtek Corporation