



# Simtek Corporation

## Product Change Notification [PCN]

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PCN # **10034** **00** PCN Status **Final**

PCN Date **January 16, 2006** PCN Type **Product Change**

PCN Title **Datasheet Changes, STK17TA8 3V Event Data Recorder. New datasheet version ML0025 rev 1.3 posted.**

PCN Detail  
The following datasheet specification changes have been made affecting the STK17TA8 3V Event Data Recorder group of products:

1. t[recall] is changed from 60us to 100us.
2. t[ss], previously undefined, is specified at 70us.
3. DATA[r], the guaranteed data retention period, is changed from 100 years at unspecified temperature to 20 years at maximum operating temperature.
4. The 35ns speed grade of this product is discontinued.

Background Reason for Change Issue Addressed  
t[recall] is a non-critical parameter. This change allows for improved manufacturability.  
t[ss] is the time required between soft sequence commands. This was not previously specified.  
DATA[r] specification is now linked directly to the maximum operating temperature, since data retention performance is directly linked to operating temperature. Detail of retention performance at other temperatures within the operating temperature range is available on request.

Product[s] Affected  
STK17TA8 3V Event Data Recorder, all package types, speed grades, commercial and industrial temperature ranges.

Additional Information Respond By  
Further information is available through normal Simtek sales channels and from Simtek Applications Engineering at [appseng@simtek.com](mailto:appseng@simtek.com)

Samples Available From **01/16/06**

Target Product Availability Date **February 2006**

Confirmed Availability Date/Datecode **0608**

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