

Errata for FM25V01 & FM25VN01

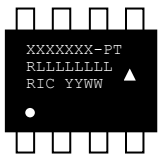
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Errata Number 001
Date January 12, 2011 (Updated July 2011)
Product FM25V01 and FM25VN01

The FM25V01 and FM25VN01 devices have a problem with the sleep mode function. Some devices will not exit sleep at V_{DD} voltages within the specified operating range. Worst case is at high V_{DD} (3.6V). The failing voltage will be lower at cold temperatures. This does not affect operation if the sleep function is not used.

There is an effective screen that is implemented at final test. A temporary part number has been assigned for customers who use sleep mode. Customers who require sleep mode should order the FM25V01-G1 or FM25VN01-G1. The part will be marked with a triangle to the right of the part mark. An example of the mark is as follows:



No Sleep Mode Screen
FM25V01-G
A9646447
RIC1011

Sleep Mode Screen
FM25V01-G
A9646447 
RIC1011

This errata will remain in effect until the sleep function is fixed.

UPDATE: Ramtron has made circuit modifications to correct this problem. The starting date code for the fixed devices is 1127. (YY=11, WW=27) Devices with a date code 1127 and later have a fully operational sleep mode function.

An example of the new part marking is as follows:

