

Errata for FM25H20

RAMTRON

1850 Ramtron Drive
Colorado Springs, CO 80921
719-481-7000 FAX: 719-488-9095
www.ramtron.com

Errata Number	002 (Rev BA)
Date	Jan. 5, 2010 (Updated Feb. 2010)
Product	FM25H20 Serial 2Mb FRAM
Product Marking	FM25H20-G, FM25H20-DG

It was recently discovered that the FM25H20 exhibits problems under certain power-up conditions. If powered-up when either /S or /HOLD is low, a small percentage of the devices could be rendered non-functional.

Fix: The /S pin should be pulled up with a resistor to V_{DD} and the /HOLD pin can also be pulled up or simply tied to V_{DD}. When the device is powered up, these pins must be inactive.

NOTE: Ramtron has found the root cause and has made circuit design modifications to correct the problem. The next die revision is expected to be errata-free. Ramtron will send an update to inform users of the starting date code of the errata-free parts.

[UPDATE: Ramtron has made circuit modifications to correct this problem. The new die rev is BB. The starting date code for the new fixed devices is 1010. \(YY=10, WW=10\)](#)

