

Errata

This Errata Sheet refers to:

- The following datasheets:
 - AT91FR40161 Datasheet, Rev. 6040B - 24-Mar-04
- 120-lead BGA devices with the following references in the marking:
AT91FR40161-CI
56520A

1. Full Chip Erase Command May Not Fully Erase Flash

When using the Full Chip Erase Command to erase the Flash, the Flash may not be fully erased. Some bytes may be different than 0xFF.

Workaround: Erase the Flash sector by sector with the Sector Erase command.

2. Concurrent Read Feature May Lead to Incorrect Flash Accesses

As the Flash is dual-plane, the Concurrent Read feature when programming or erasing is implemented. Using that feature may lead to incorrect Flash accesses.

Workaround: Consider the Flash as single-plane and do not use Concurrent Read feature when programming or erasing.

3. Sector Erase Command May Not Fully Erase the Sector

When using the Sector Erase Command to erase a sector, the Sector Erase operation may not be successful if only few bytes are programmed in the sector.

If there are many programmed bits in the Sector, Sector Erase operation is carried out successfully.

Workaround: Before sending a Sector Erase Command, the corresponding sector must be programmed with all bits to 0.



AT91 ARM[®] Thumb[®]-based Microcontrollers

AT91FR40161

Errata Sheet





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