FlashFX Pro 4.1 with OMAP User Manual

General Description and Name

This BBM is worked for FlashFX Pro V4.1 system incorporated with OMAP controller. There will be a BB table generate by this BBM and ECC fields within spare area updated according to OMAP algorithm and the NAND chip.

Relevant User Options

The following special features on the special features tab apply to this scheme. The default values might work in some cases but please make sure to set the right value according to your system.
Please note only the below special feature items are related to this scheme and ignore any others. If any of below items doesn't exist, please check whether the right version has been installed or contact Data I/O for support by submitting Device Support Request through this address:
http://www.dataio.com/support/dsr.asp

Bad Block Handling Type = "FlashFX Pro 4.1 with OMAP"

Spare area : Please refer to "Description of common NAND special features.pdf". ***Normally set as " ECC" for this BBM***.[Default 'Disabled']

OMAP ECC Block Cnt : Default as 4.

Special Notes

Spare area as "ECC" is suggested as customer's data file doesn't include any spare area data, the first 4 blocks has OMAP ECC while other blocks take NAND internal ECC. Please note this BBM is NAND chip dedicated that the NAND chip should has internal ECC feature.

Revision History

V2.0 2011/02/15
Add a special feature setting of "OMAP ECC Block Cnt".

V1.0 2010/11/06
Create this spec, only 2048 byte per page currently supported.

Appendix

You can get the file “Description of common NAND special features.pdf” from http://ftp.dataio.com/FCNotes/BBM/