Skip MTK8636 User Manual

General Description and Name

This scheme Implements the skip block method. Divide main area and spare area into special format (From 2048 + 64 to 1024 + 32 + 1024 + 32). Bad block Mark will check 1024 and 1025 bytes of first two physical pages for each block: if equal 0x00 then it is bad block; if equal 0xFF then this is a good block.

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 = "Skip MTK8636"

Spare area = "Enabled"
Or "Disable" depend on your data file

Check BadBlock Marker in Data File : Please refer to "Description of common NAND special features.pdf" ***Normally set as "Disable" for this BBM***.[Default 'Enabled']

Bad block detection: Please refer to "Description of common NAND special features.pdf". [Default 'semi vendor BB marker]
For a Blank Device (means didn't programed by this BBM)
Normally set as "semi vendor BB marker" for this BBM.
For a no Blank Device (means ever programed by this BBM)
Normally "BBM then BB marker" for this BBM.

Special Notes

- Cannot put blank device and no blank device together to program.

Revision History

V1.0 Date: 2013-12-09
Create this spec.

Appendix

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