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## QMP with Special BB Mark User Manual

### General Description and Name

This BBM is mainly same as Qualcomm Multiple Partition, but can move BB mark to main area.

### 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 = "QMP with Special BB Mark"

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

Bad block detection : Please refer to "Description of common NAND special features.pdf". *Normally set as "BBM specified" for this BBM.* [Default 'semi vendor BB marker']

Check BB Marker In DataFile : Please refer to "Description of common NAND special features.pdf". *Normally set as "NO" for this BBM.* [Default 'YES']

Fill00 to Initial BB : Please refer to "Description of common NAND special features.pdf". *Normally set as "Enabled" for this BBM.* [Default 'Disabled']

Skip Free Pages : Please refer to "Description of common NAND special features.pdf". *Normally set as "Enabled" for this BBM.* [Default 'Disabled']

BBM location Page within Block : Which page in each block starts to contain the BB mark, 0 based. [Default '0']

BBM location Pages : How many pages in each block contain the BB mark, 0 based. [Default '2']

BBM location in Main Area : [Default '4095']

BBM bytes in Main Area : [Default '1'] These 2 items specify the BB mark bytes within the main area.

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## Special Notes

Please make sure your data file keeps as all 0xFF on the specified BB mark location, otherwise NEW BB will always be made.

This BBM style is only suggested to work for reprogramming. PLEASE DO NOT USE IT WITH NEW DEVICES! In case you have to, please set “bad block detection” as “semi vendor BB marker” and “Check BB Marker In DataFile” as “YES”, then the listed “BBM...” items will be ignored.

## Revision History

V1.0 2010/12/14  
Create this spec.

## Appendix

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

Data I/O