
Qualcomm Multiple Partition User Manual

General Description and Name

Qualcomm Multiple Partition.

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 = **“Qualcomm Multiple Partition”**

Spare area : Please refer to “Description of common NAND special features.pdf”. *Normally set as “Enabled” for this BBM, or “ECC Linux” in some special cases.*[Default ‘Disabled’]

Required good block area: Start block = “0” Please refer to “Description of common NAND special features.pdf”

Required good block area: Number of blocks = “0” Please refer to “Description of common NAND special features.pdf”

Several special features are needed if the customer needs to select different bad block mark.

They are as below:

Special BB Mark Valid = **“Enabled”** This is the switch allowing to set different bad block mark which is not the same as the device spec. Only when it is “Enabled”, the different bad block mark position can be set from 0~63(2048Byte-Nand device) of the spare area. If it is “Disabled”, the special bad block mark position setting is forbidden.

Bad Block Marker Offset = “0” This is decided by the customer where the bad block mark is located according to the customer data file. For example, if the customer wants to program data into position 0 of the spare area and regard position 6 as bad block mark(2048Byte-Nand device), then he can set this special feature as “6”.

Bad Block Mark Masks = **“0xFFFF”** This is applied to a 16-bit NAND device. It is decided by the customer if the bad block mark is masked high 8 bits or low 8 bits. For example, if it is set as 0xFFFF, the all 16-bits of the bad block mark is checked. If

“0x00FF”, only low 8-bit of the bad block mark is checked. If “0xFF00”, only high 8-bit of the bad block mark is checked.

PartitionTable File = The path of the partition table file on your PC.

Special Notes

Revision History

V1.0 June 11, 2009
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