BCH Randomize ECC User Manual

General Description and Name

This scheme implements the BCH Randomize ECC, update bad block information into partition Uboot and process all the data with randomize algo before programmed into the device.

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 = "BCH Randomize ECC"

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

PartitionTable File = C:\PartitionTable.mbn

Check BB Marker in DataFile = "Disabled"

Error bits allowed per sector = Set if necessary

Error bits allowed in one page = Set if necessary

Special Notes

Use MergeTool.exe to generate a big file by several small files(such as script*), then import this big file to TaskLink. The BBM doesn't support programming more than 1 time.

Revision History

V1.0 Date：2020-06-02
Create this spec.

Appendix

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