

---

# **Monahans with AtmelECC User Manual**

## **General Description and Name**

Monahans with Atmel ECC. This scheme mainly detects bad blocks in the device and program the data to the reserved area. For example, if block 7 of a device is the first bad block, then block 7 of the image will be programmed into the last good block of 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 = "Monahans with Atmel ECC"

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

Other settings, please refer to "Monahans BBM User Manual".

## **Special Notes**

Customer should prepare a universal data file. And if they want DataIO to calculate ECC (the data file doesn't include spare area part), please select "ECC" for spare area. And if the data file includes the spare area contents and needs to be updated the ECC contents, please select "Update ECC" for the spare are.

## **Revision History**

V1.0 AUG 3, 2010  
Create this spec.

## **Appendix**

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