

---

## **Reserved Block Area 2 (RBA 2) User Manual**

### **General Description and Name**

Reserved Block Area 2 (RBA 2), Only for small block format.

This BBM uses 2 types of method to handle bad blocks, RBA and skip for different 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 = "Reserved Block Area 2 (RBA 2)"

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

RBA area: Number of blocks = "6"

RBA area: Start block = "2042"

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".

### **Special Notes**

The spare area in this scheme uses a special ECC calculation. However, the bad block marks are always located in the spare area (Byte 517 for x8 devices).

The data file doesn't have to be arranged in any special way for this scheme. The binary that should be placed into the device is all that is needed.

### **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