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# MTK WCT V310 User Manual

## General Description and Name

This scheme Implements the skip block method and reserved block for mixed bad block handling. The whole partitions of the customer's image are divided into 3 kinds: Boot Image, Code image and FS image(File system image). Here, the code image is also divided into several partition. In the FS image, it is divided into several regions.

## 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 = "MTK\_WCT\_V310"

Spare area = "Enabled"

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

Check BadBlock Marker in Data File : Please refer to "Description of common NAND special features.pdf". *Normally set as "Disabled" for this BBM.*[Default 'Enabled']

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

MTK: Rmark pattern = "REMARKED BLOCK"

MTK: Rmark pattern BI = "1234"

## Special Notes

- This BBM should use special image file. For detail, please contact MTK. Large page size means 2048Bytes, small page size means 512Bytes.
- Cannot put blank device and no blank device together to program. (The "blank" here means not programmed with this BBM)

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## Revision History

V1.0 Date: 2011-06-08  
Create this spec.

V1.1 Date: 2011-06-21  
Add some special feature

V1.2 Date: 2011-06-24  
Add Check BadBlock Marker in Data File Setting  
Add more explanation.

V1.3 Date: 2011-07-07  
Release version

V1.3 Date: 2011-07-28  
Add two special features about remark pattern.

## Appendix

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