



Silicon Motion, Inc.

SM3281AB Test Program and ISP Release Note

**SM3281AB Test Program and ISP Release Note:**

Release Date	ISP Version	ISP Check Sum	Test AP Version	Description
2018/08/31	180803-AB	SM3281AB_ISP_TLC_SS_3D_V4_AFG.Bin SM3281AB_ISP_TLC_SS_3D_V4_AHG.Bin SM3281AB_ISP_MLC_L06.Bin SM3281AB_ISP_MLC_B16.Bin SM3281AB_ISP_TLC_SD_3D_Bics3_128Gb.Bin SM3281AB_ISP_TLC_SD_3D_Bics3_256Gb.Bin SM3281AB_ISP_TLC_SD_3D_Bics3_512Gb.Bin	V 2.5.67 v4 18/08/03 Build	<ol style="list-style-type: none"> 1. Modify Diff address function to improve initial capacity 2. Improve read performance by using shift operation. 3. Enable read reclaim function in MultiSparePool to increase reliability 4. Support Micron 3D TLC B16 MT29F256G08EBHAF-ES x1 5. Support Hynix 3D V3 TLC H27QEG8M3M8R 6. Support SanDisk 1znm 4Plane MLC 64GB &128GB 7. Support Micron 3D TLC B17 x1 x2 MT29F512G08EBHAF 8. Support SanDisk 3D BiCS3 128Gb TLC SDTNBIAMA-016G x1 x2 9. Support SanDisk 3D BiCS3 256Gb TLC SDYNBIAMA-032G x1 x2 10. Support SanDisk 3D BiCS3 512Gb TLC : SDZNBIAAMA-064G x1 x2 11. Support Micron & Spectek N18 QLC mode and SLC mode x1
2019/03/25	190312-AB	All ISP	V 2.5.70 v4	<ol style="list-style-type: none"> 1. Support Hynix 3D V4 TLC x1 x2 x4



			19/03/08 Build	<ul style="list-style-type: none">2. Support Micron B05A MT29F128G08EBCDB x13. Support Micron L06 MLC MT29F256G08CBCBBx14. Support SanDisk BiCS4 TLC SDUNCIAAMA-032GB5. Support Intel N18A QLC 29F01T2ALCQH1 x1/x26. Support Hynix 14nm MLC H27TDG8T2D8R7. Support Spectek B27A TLC FBNB27A512G0KTBAFJ48. Support Toshiba BiCS4 TLC9. Support Hynix 3DV3 TLC H27QEG8M3M8R10. Support Hynix 3D V5 TLC H25BFT8A1M8R11. Support Micron MLC L95B 29F128G08CBECB12. Support Samsung 3D V4 TLC K9AFGD8H0A x1x213. Fixed SanDisk Random data out ALE issue.14. Fix page number per block variable in adjust DW_TLCReserveRatio.
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