



Silicon Motion, Inc.

SM3268AB Test Program and ISP Release Note

**SM3268AB Test Program and ISP Release Note:**

Release Date	ISP Version	ISP Check Sum	Test AP Version	Description
2016/08/15	160624-AB	SM3268ABISP-ISP B0K.BIN	V 2.5.49 v4 16/05/20 Build	<ol style="list-style-type: none">1. SM3268AB MP tool / FW first formal release2. Support Micron 3D TLC B0KB 3DP: MT29F1T2G08ECCBB x1/x2 (Default setting as 128GB/256GB)
2017/07/05	170609-AB	SM3268ABISP-ISP HY3DTLC	V 2.5.59 v1 17/06/08 Build	<ol style="list-style-type: none">1. Support Micron B0KB x1/x2: MT29F384G08EBCBBx1 / MT29F768G08EECBBx1 (Default setting as 32GB/64GB)2. Support Spectek 3D TLC B0KB 3DP: FBNB0KB1T21KDGABJ4 x1/x2 (Default setting as 128GB/256GB)3. Support Hynix 14nm 128Gb TLC x1/x2: H27QDG8M2BLR / H27QEG8NDBLR4. Support Samsung 16nm 64Gb TLC ACG-D die x1/x2: K9ACGD8U0D x1/x25. Support Hynix 3D V3 256Gb TLC x1/x2/x4: H27QEG8M3M8R x1/x2/x46. Support Micron 3D 128Gb TLC B05 x2/x4/x8: MT29F128G08EBCDB x2/x4/x8 (8CE/8Die)7. Support Hynix 3D V3 128Gb TLC x1: H27QDG8M2C8Rx18. Support Hynix 3D V4 256Gb TLC x1: H27QEG8M2A8Rx19. Support Spectek 3D 64Gb MLC L04 x1/x2: FBNL04A64G1KDBABJ4 x1/x210. Support Micron 3D 256Gb TLC B16A x1/x2/x4/x8:



				MT29F256G08EBHAF x1/x2/x4/x8 (8CE/8Die) 11. Support Micron 3D 256Gb MLC L06 x1/x2/x4/x8/x16: MT29F256G08CBCBB x1/x2/x4/x8 (8CE/8Die)/x16 (8CE/16Die)
2017/12/13	171102-0AB	SM3268ABISP-ISP SD3DTLC_Bics3	V 2.5.62 v5 17/10/031 Build	1. Support Micron 3D 512Gb TLC B17 SDP/DDP: 29F512G08EBHAF / 29F1T08EEHAF 2. Support Toshiba 15nm 128Gb TLC x1/x2/x4: TC58TEG7THLTA00 x1/x2/x4 3. Support Samsung 14nm 128G TLC x1/x2/x4x8: K9ADGD8U0F x1/x2/x4/x8 (8CE/8Die) 4. Support Micron 3D 128Gb TLC B05: 29F128G08EBCDB 5. Support Hynix 3D V4 512Gb TLC: H25QFT8A1A8R 6. Support SanDisk 3D Gen3 (BiCS3) 128Gb TLC: SDTNBIAMA-016G 7. Support SanDisk 3D Gen3 (BiCS3) 256Gb TLC x1/x2: SDYNBIAMA-032G x1/x2 8. Support SanDisk 3D Gen3 (BiCS3) 512Gb TLC: SDZNBIAMA-064G 9. Support Hynix 3D V3 256Gb TLC B die: H27QEG8M2B8R 10. Support SanDisk 3D Gen2 (BiCS2) 256Gb TLC x1/x2: SDTNAIAMA-032G
2018/06/05	180511-AB	SM3268ABISP	V 2.5.65 v9 18/05/09	1. Update USB 3.1 descriptor 2. Improve Coffee Lake compatibility



			Build	<ul style="list-style-type: none">3. Update SanDisk 3D BiCS3 TLC 128Gb/512Gb read retry table4. Support Micron 3D 1Tb QLC N18 (with SLC mode / 256Gb)x1: MT29F1T08GBCAG5. Support SanDisk 3D BiCS3 512Gb TLC x2/x4: SDZNBIAMA-064Gx2/x46. Support Hynix 14nm 128Gb MLCx1/x2: H27TDG8T2D8R (H27TDG8T2DDA) x1x27. Support SanDisk 3D BiCS3 256Gb TLC x4: SDYNBIAMA-032Gx48. Support Intel B17x19. Support Hynix 16nm 128Gb TLCx1: H27QDG8M2MTRx110. Support Micron 3D 256Gb MLC L06x8: MT29F256G08CBCBBx811. Support Toshiba 15nm 64Gb TLCx1x2: TC58TEG6TGLTA00x1x212. Support Toshiba 15nm 128Gb MLCx1/x2: TC58TEG7DDLTA00x1x213. Support Micron 20nm 64Gb MLC L84Ax1: MT29F64G08CBABAx114. Support Micron 20nm 128Gb MLC L85Cx1: MT29F128G08CBEBBx115. Support Micron 16nm 128Gb MLC L95Bx1: MT29F128G08CBECBx1
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2018/08/08	180705-AB	SM3268ABISP	V 2.5.67 v1 18/07/09 Build	<ol style="list-style-type: none">1. Update USB 3.2 descriptor2. Support SanDisk 15nm 64/128Gb 2Plane MLC: SDTNSGAMA-008x1 / SDTNSGAMA-016Gx1/x2/x43. Support SanDisk 15nm 128Gb 4Plane MLC x1/2: SDTNSHAMA-016Gx1x24. Support Micron 20nm 128Gb MLC L85A x1/x2/x4: MT29F128G08CBCAB x1/x2/x45. Support Micron 16nm 128Gb MLC L95B x2/x4: MT29F128G08CBECB x2/x46. Support Toshiba 15nm 128Gb TLC 1CE/2Die, TH58TEG9THLTA20x1/x27. Support Spectek B17 AF grade: FBNB17A512G1KDBAFJ48. Support Spectek B17 AF Grade QDP / ODP: FBMB17A2T1KDMAFJ4 / FBMB17A4T1KDUAFJ49. Support Hynix 3D V3 256Gb TLC B diex2: H27QEG8M2B8Rx210. Support Micron 20nm 32Gb MLC L83Ax1: MT29F32G08CBADB11. Support Hynix 3D V4 256Gb TLC x2: H27QEG8M2A8Rx212. Support Micron / Spectek L05 (AF Grade) x1: MT29F128G08CBCEBx1
2018/08/31	180803-AB	SM3268ABISP	V 2.5.67 v4 18/07/09	<ol style="list-style-type: none">1. Support SanDisk 1znm MLC: SDYNSGDPM-128G2. Support Intel 20nm MLC L84C.



			Build	<ul style="list-style-type: none">3. Support Intel L74A x84. Support SanDisk 128Gb 1znm MLC x85. Update the Toshiba BiCS2 TLC read retry6. Support Micron B16 TLC 4CE/8Dies7. Support Toshiba BiCS2/BiCS3 TLC: TH58TFT0T22TA2D & TH58TFT1T23BA8H
2018/10/18	180905-AB	SM3268ABISP	V 2.5.68 v4 18/09/21 Build	<ul style="list-style-type: none">1. Support Toshiba BiCS2/BiCS3 TLC 2die TH58TFT0T22TA2D/TH58TFT1T23BA8H2. Modify MP tool to fix Get Disk Label fail for NTFS format in XP bug3. Modify MP tool to support to count bad block by CE, Die and Plane for SM3267x/SM3268x in Debug dialog for Prescan sample4. Support Hynix H27QEGDYEB4R (8CE) / H27QDG8D2B (4CE) / H27UDG8M2M(4CE)