



Silicon Motion, Inc.

SM3257ENBB Test Program and ISP Release Note

**SM3257ENBB Test Program and ISP Release Note:**

Release Date	ISP Version	ISP Check Sum	Test AP Version	Description
2014/12/30	141111-BB	SM3257ENBBISP	V 2.5.39 v3 14/11/25 Build	<ol style="list-style-type: none"> 1. SM3257ENBB MP tool / FW first formal release 2. Support Hynix 16nm 128Gb TLC: H27UDG8M2MTR 3. Support Micron L84C / L85A / L95B: MT29F64G08CBEDB / MT29F128G08CBCAB /MT29F128G08CBECB
2015/02/16	150122-BB	SM3257ENBBISP	V 2.5.40 v9 15/01/16 Build	<ol style="list-style-type: none"> 1. Support Hynix 16nm 128Gb TLC: H27UDG8M2MTR, x2 / x4 mode. 2. Improve 16K / 2Plane TLC error handling when random data corner case
2015/06/16	150513-BB 150605-BB	SM3257ENBBISP SM3257ENBBISP-ISP B95TLC-RS	V 2.5.43 v5 15/06/15 Build	<ol style="list-style-type: none"> 1. Support Samsung 16nm 64Gb TLC: K9ACGD8U0D 2. Support Hynix 16nm 64Gb TLC: H27QCG882M5R 3. Support Toshiba A19nm 64Gb / 128Gb TLC: TC58TEG6TCKTA00 / TC58TEG7TDKTA00 4. Support Micron 16nm 128Gb TLC / B95: MT29F128G08EBEBB
2015/07/27	150703-BB	SM3257ENBBISP-ISP B95TLC-RS	V 2.5.43 v8 15/07/07 Build	<ol style="list-style-type: none"> 1. Support Micron 16nm 128Gb TLC / B95: MT29F128G08EBEBB x2 / x4 mode.
2015/12/21	151106-BB	SM3257ENBBISP-ISP B95TLC-RS	V 2.5.45 v7 15/11/11 Build	<ol style="list-style-type: none"> 1. Update Hynix 16nm 64Gb/128Gb TLC application note. 2. Support Micron 16nm 128Gb TLC / B95 1CE/2Die:



				MT29F512G08EKEBBx1x2 3. Support Toshiba 15nm 64Gb TLC: TC58TEG6TGLTA00 4. Support Toshiba 19nm 32Gb TLC: TC58TEG5T2JTA00x1/x2
2016/04/14	150325-BB	SM3257ENBBISP	V 2.5.48 v8 16/03/30 Build	1. Support Toshiba 15nm 128Gb TLC: TC58TEG7THLTA00 x1/x2/x4 2. Support Toshiba 15nm 128Gb TLC 1CE/2Die: TH58TEG9THLTA20x1/x2 3. Support Hynix 16nm 128Gb TLC: H27UDG8M2MTRx8 (4CE/8Die) 4. Support Samsung 14nm 128Gb TLC ADG-F die: K9ADGD8U0F
2016/06/13	160523-BB	SM3257ENBBISP	V 2.5.49 v6 16/05/26 Build	1. Add Zero padding for Samsung 16nm / 14nm TLC. 2. Support Hynix 14nm 128Gb TLC: H27QDG8M2BLR 3. Support Hynix 20nm 16Gb MLC: H27UAG8T2CTR 4. Support Samsung 14nm 128Gb TLC ADG-F die x2: K9ADGD8U0Fx2
2016/08/03	160705-BB	SM3257ENBBISP	V 2.5.50 v7 16/07/06 Build	1. Support Hynix 14nm 128Gb TLC: H27QDG8M2BLR x2/x4



2016/08/31	160816-BB	SM3257ENBBISP-ISPT15nm	V 2.5.51 v5 16/08/16 Build	<ol style="list-style-type: none"> 1. Update Toshiba 15nm TLC ISP to fix DDR issue. 2. Support Micron 25nm MLC L73: MT29F32G08CBACA
2017/02/23	161028-BB	SM3257ENBBISP	V 2.5.52 v9 16/11/10 Build	<ol style="list-style-type: none"> 1. Fix copy machine / Clone image compatibility issue 2. Support Hynix 14nm 128Gb TLCx8: H27Q1T8QEB6R-BCF
2017/07/05	170531-BB	SM3257ENBBISP-ISPHY14nmTLC	V 2.5.59 v1 17/06/08 Build	<ol style="list-style-type: none"> 1. Improve Hynix 14nm 128Gb TLC error handling. 2. Support Samsung 16nm 64Gb TLC x8: K9BDGD8U0Dx4 3. Support Micron L83 x1/x2: 29F32G08CBADAx1/x2
2018/08/17	180402-BB	SM3257ENBBISP-S15nmC	V2.5.64 v8 17/03/27 Build	<ol style="list-style-type: none"> 1. Support Toshiba 15nm 128Gb MLCx2: TC58TFG7DDLTA0D x2 2. Support Hynix 16nm 64Gb MLC F diex1: H27QCG8D2F5Rx1 3. Support Toshiba 15nm 32/128Gb MLC: TC58TEG5DCLTA00x1 / TC58TFG7DDLTA0D x1 4. Support Toshiba 19nm 64Gb MLC: TC58TEG6DDJTA00x1 5. Support Micron 20nm 32Gb MLC L83A: MT29F32G08CBADBx1 6. Support SanDisk 19nm 32Gb MLCx1/x2, SDTNQFAMA-004Gx1/x2 7. Support SanDisk 15nm 64Gb MLCx1: SDTNSGAMA-008Gx1 / 8. Support SanDisk 19nm 64Gb MLCx1:



				<p>SDTNQGAMA-008Gx1</p> <p>9. Support Spectek L84Dx1 / L94Cx1</p> <p>10. Support Micron 25nm 16Gb MLC L72x1: MT29F16G08CBACA</p> <p>11. Support Samsung 16nm 32Gb TLC ABG-E diex1: K9ABGD8U0Ex1</p> <p>12. Support Samsung 14nm 128Gb TLC ADG-F die 1CE/2Diex2: K9BFGD8U0Fx2</p> <p>13. Support Samsung 19nm 64Gb MLCx1: K9GCGD8U0Cx1</p>
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