



Vendor Specific Component Capabilities (VSCC) Comm.bin Content for 2022 Platforms

Application Note

February 2022

Revision 6.0.1

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Contents

| | | |
|---|--|----|
| 1 | Introduction | 13 |
| | 1.1 Overview | 13 |
| | 1.2 Terminology | 13 |
| | 1.3 Reference Documents | 13 |
| | 1.4 Platform Voltage Requirements..... | 14 |
| 2 | Serial Flash Parts List | 15 |

Tables

| | |
|---|----|
| Table 2-1. List of Serial Flash Devices Added to the VSCCOMMN.bin File..... | 15 |
|---|----|



Revision History

| Revision Number | Description | Revision Date |
|-----------------|---|---------------|
| 0.7 | Initial release | 10/16/2009 |
| 0.8 | Added VSCC value. | 10/20/2009 |
| 0.9 | Added VSCC values of EN25F32 and EN25Q64. | 11/20/2009 |
| 1.0 | Added AMIC A25L016. Replaced with VSCC 200D for SST25VF064C. Changed EN25Q64 device ID to 3017h. Removed W25X128 (product release cancelled). Added alternative VSCC values. | 2/25/2010 |
| 1.1 | Added MX25L6436E, MX25L12836E, MX25L3206E, and EN25Q128. Added alternative VSCC values. | 4/29/2010 |
| 1.2 | Added EN25Q32A. Added alternative VSCC values. | 5/5/2010 |
| 1.3 | Added MX25L8006E, MX25L8036E, MX25L1606E, MX25L1636E, and MX25L6406E Added GD25Q80, GD25Q16, GD25Q32, GD25Q32A, and GD25Q64 Added N25Q032 and N25Q064 | 6/17/2010 |
| 1.4 | Added EN25Q16 | 6/28/2010 |
| 1.5 | Added AMIC A25L032 | 9/20/2010 |
| 1.6 | Added EN25Q80A, EN25Q40, and AMIC A25LQ032 Added S25FL016K, S25FL032K, and S25FL064K | 11/9/2010 |
| 1.7 | Added N25Q16, AT25DQ641 | 12/16/2010 |
| 1.8 | Added MX25L4006E, FM25Q16, FM25Q32, and FM25Q64 Added overview and note | 1/24/2011 |
| 1.9 | Added PM25LQ080C, W25Q16CV, W25Q64CV, MX25L3236D, MX25L12835E, MX25L25635E, MX25L25735E, PM25LQ016C, and PM25L032C. Added note #3. | 4/12/2011 |
| 2.0 | Added AT25DQ161, EN25QH16 Changed from EN25Q32A(B) to EN25Q32B Removed GD25Q32A (product plan cancelled) Changed from PM25LQ018C to PM25LQ016C | 6/14/2011 |
| 2.1 | EN25QH80, EN25F64, A25LQ16, and FM25Q128 Changed from A25LQ032 to A25LQ32A Changed from SST to SST/Microchip Removed W25X40V (EOL) Added Intel 7 Series/C216 Chipset Family SPI Programming Guide | 8/22/2011 |
| | | |



| Revision Number | Description | Revision Date |
|-----------------|--|---------------|
| 2.2 | Added F25L32PA(2S), F25L64PA, F25L16PA, F25L04PA F25L08PA, A25L040, and A25L080. Changed from MX25L3205D to MX25L3205A(D) | 10/07/2011 |
| 2.3 | Updated Chingis devices IDs, Added F25L16PA(2S) and F25L32PA | 10/25/2011 |
| 2.4 | Added W25Q64FV and GD25Q128 | 12/2/2011 |
| 2.5 | Added alternative device ID for W25Q64FV Added W25Q128FV Added note #4 and #5 | 2/14/2012 |
| 2.6 | Updated vscc value with 0x2009 and 0x2005 in vsccmn.bin for SST25VF016B, SST25VF032B, SST25VF040B, SST25F080B. | 4/30/2012 |
| 2.7 | Updated Chingis device ID with 7F44h, 7F45h, 7F46h in vsccmn.bin for PM25LQ080C, PM25LQ016C, and PM25LQ032C | 6/7/2012 |
| 2.8 | Added quad I/O devices of W25Q256FVFIQ, W25Q128FVFIQ, W25Q128FVSIQ, W25Q64FVSSIQ, W25Q32FVSSIQ, W25Q16CVSSIQ Added quad I/O devices of MX25L6475EM2I-10G and MX25L3275EM2I-10G Updated vscc values per the new definition of bits 7:5 for Lynx Point PCH | 6/11/2012 |
| 2.9 | Updated vscc values in vsccmn.bin per the new definition of bits 7:5 for Lynx Point PCH Added PM25LD512C2 | 8/7/2012 |
| 3.0 | Added 25LQ32B Added quad I/O devices of MX25L1675EM2I-10G and W25Q16DVSSIQ | 9/19/2012 |
| 3.1 | Added A25QE16, A25QE32, GD25B16B, GD25B32B, GD25B64B, and MX25L12875F Changed Device ID of W25Q16CVSSIQ and W25Q16DVSSIQ Added note #7 | 10/31/2012 |
| 3.2 | Added MX25L12835F and A25LQ64 | 11/30/2012 |
| 3.2.1 | Added MX25L6473E, MX25L3273E, MX25L1673E Added MX25L8075E | 12/17/2012 |
| 3.3 | Added MX25L12873F | 1/3/2013 |
| 3.4 | Added S25FL128K Added MX25L8073E | 2/6/2013 |
| 3.5 | Updated VSCC values of EN25QH series | 3/11/2013 |
| 3.6 | Added GD25B128C Updated VSCC values of EN25QH series | 3/27/2013 |
| 3.7 | Added GD25LQ64C Changed VSCC value of A25LQ64 Added MX25L12865E | 5/31/2013 |
| 3.8 | Added N25Q064A13ESE4MF, W25R64FVSSIQ, W25R128FVSIQ, MX25L6450F Added note 8 | 6/14/2013 |
| 3.9 | Added S25FL164K0XMFQ10 and S25FL132K0XMFQ10 | 11/27/2013 |
| | | |



| Revision Number | Description | Revision Date |
|-----------------|--|---------------|
| 4.0 | Updated device ids for S25FL164K, S25FL132K; Added GD25R64B and MX25L25635F Deleted EOLed spansion parts-S25FL016K, S25FL032K, S25FL064K, S25FL128K (not a real part as per vendor) Added Micron parts: MT25QL128ABA1ESEMS | 04/07/2014 |
| 4.1 | Added Spansion Part: S25FL116K | 07/15/2014 |
| 4.2 | Added Gigadevice parts: GD25B64C, GD25R64C, GD25R128C | 08/18/2014 |
| 4.3 | Added Macronix part: MX25L12850F | 08/20/2014 |
| 4.4 | Added Micron devices N25Q032A13ESEC0F, N25Q128A13ESEC0F, N25Q256A81ESF40F, N25Q512A81GSF40F, N25Q064A13ESE4MF, N25Q064A13ESED0F, N25Q032A11ESE40F, N25Q064A11ESE40F, N25Q128A11ESE40F, N25Q256A83ESF40F, N25Q512A83GSF40F, MT25QL256ABA8ESF-OSIT, MT25QL256ABA8ESF-MSIT, MT25QL512ABA8ESF-OSIT, MT25QU512ABA8ESF-OSIT Added Macronix device MX25L6495FM2I-08G Added EON devices EN25QH64A, EN25QH128A Added Gigadevice devices GD25LB64CSIG, GD25LB128CSIG Added ISSI devices IS25LP128, IC25LP128, IS25LP064, IC25LP064, IS25WP128, IC25WP128, IS25WP064, IC25WP064 | 1/8/2015 |
| 4.5 | Added EON devices EN25Q40A, EN25Q80B, EN25QH16A, EN25QH32A | 1/21/2015 |
| 4.6 | Added Macronix parts MX25L3273F, MX25L6473F, MX25L25735F Added Winbond parts W25X05CL, W25X10CL, W25Q10EW, W25X20CL, W25Q20CL, W25Q20EW, W25X40CL, W25Q40CL, W25Q40EW, W25Q80DV, W25Q80EW, W25Q16DV, W25Q16CL, W25Q16FW | 6/29/2015 |
| 4.7 | Removed all the parts that do not support 2016 platforms: W25X80V, W25X16BV, W25X32BV, W25X64BV, W25Q40BV, W25Q80BV, W25Q16BV, W25Q32BV, W25Q64BV, W25Q128BV, W25Q16CV, W25Q64CV, W25Q256FVFIQ, W25Q128FVFIQ, W25Q128FVFIQ, W25Q128FVSIQ, W25Q128FVSIQ, W25Q64FVSSIQ, W25Q64FVSSIQ, W25Q32FVSSIQ, W25Q32FVSSIQ, W25Q16CVSSIQ, W25Q16DVSSIQ, W25R64FVSSIQ, W25R128FVSIQ, MX25L8005, MX25L1605A, MX25L1605D, MX25L1635D, MX25L3205A(D), MX25L3225D, MX25L3235D, MX25L6405D, MX25L12805D, MX25L12845E, MX25L12855E, MX25L3206E, MX25L6436E, MX25L8006E, MX25L8036E, MX25L1606E, MX25L6406E, MX25L4006E, MX25L3236D, MX25L12835E, MX25L25735E, MX25L6450F, MX25L25635F, M25PE80, M25PE16, M25PX32, M25PX64, M25PE10, M25PE20, M25PE40, M25PX80, M25PX16, N25Q064A13ESE4MF, MT25QL128ABA1ESEMS, N25Q512, N25Q512, MT25QL256, MT25QL512, MT25QU512, AT26DF081, AT26DF081A, AT25DF081, AT26DF161, AT26DF161A, AT25DF161, AT26DF321, AT25DF321, AT25DF321A, AT25DF641, AT25DF641A, AT25DQ641, AT25DQ161, SST 25VF016B, SST 25VF032B, SST 25VF040B, SST 25VF080B, SST 25VF064C, PM25LV080B, PM25LV016B, PM25LQ080C, PM25LQ016C, PM25LQ032C, PM25LD512C2, EN25F80, EN25F16, EN25F32, EN25Q32B, EN25Q64, EN25Q128, EN25Q16(A), EN25Q80A, EN25F64, A25L016, A25L032, A25LQ32A, A25LQ16, A25L040, A25L080, A25LQ32B, A25QE16, A25QE32, A25LQ64, GD25Q80B, GD25Q16B, GD25Q32C, GD25Q64C, GD25Q128C, S25FL132K, S25FL164K, S25FL116K, FM25Q16, FM25Q32, FM25Q64, FM25Q128, F25L32PA(2S), F25L64PA, F25L16PA, F25L04PA, F25L08PA, F25L16PA(2S), F25L32PA | 3/28/2017 |
| 4.7.1 | Added Macronix parts MX25U1635F, MX25U3235F, MX25U6473F, MX25U6435F, MX25U12835F, MX25U25635F, MX25L25673G, MX66L51235F, MX25L51245G Added Gigadevice parts GD25Q256C, GD25LQ256C | 1/20/2016 |
| 4.7.2 | Added Micron device N25Q128A, Gigadevice GD25B127C | 3/5/2016 |
| 4.7.3 | Added Micron device N25Q256A | 4/5/2016 |
| 4.7.4 | Added Macronix device MX25U12873F | 7/18/2016 |
| 4.7.5 | Added Macronix device W25Q16JV, W25Q32JV, W25Q64JV, W25Q128JV and W25Q256JV | 7/19/2016 |



| Revision Number | Description | Revision Date |
|-----------------|--|---------------|
| 4.7.6 | added IS25LP256A, IC25LP256A, IS25LP128, IC25LP128, IS25LP064A, IC25LP064A, IS25WP256A, IC25WP256A, IS25WP128, IC25WP128, IS25WP064, IC25WP064, IS25WP064A, IC25WP064A, AT25SF641, AT25SL128A, AT25SL641, AT25SL32, GD25B256C, GD25B127D and W25M512JV | 8/18/2016 |
| 4.7.7 | Changed the Device ID 0 and Device ID 1 on GD25B256C and GD25B127D | 9/16/2016 |
| 4.7.8 | Vendor name changed from EON to EON / ESMT, added new parts of EN25QH16A, EN25QH32A, EN25QH256, EN25QH128A, EN25QH64A, EN25QH64, EN25Q40A, EN25Q80B, EN25S64, EN25S64A, EN25S10A, EN25S20A, EN25S40A, EN25S80A, EN25S32 and N25Q064A11EF640E. | 10/19/2016 |
| 4.7.9 | Added W25Q256JW, W25X05CL, W25X10CL, W25X20CL, W25Q20CL, W25X40CL, W25Q40CL, W25Q80DV, W25Q80JV, W25Q80BL, W25Q16CL and W25Q16DW | 15-Nov-2016 |
| 4.8.0 | W25M512JV part changed the Device ID to 0x7119h, Note updated for MX25L25673G, added MX25L12873G. added MX25L12873G, MT25QL256ABA1EW9-OSIT, AT25SF128, AT25QF128, AT25QF641, AT25QL128A, AT25QL641 and AT25QL321 | 9-Dec-2016 |
| 4.8.1 | Changed the Title for 2017 and rights reserved year changed. | 17-Jan-2017 |
| 4.8.2 | Added MT25QL512ABA, GD25LB128D, GD25LB256D, MX25U8033E, MX25U1635F, MX25U3273F, MX25U25635F, MX25L8073E, MX25L1673E, MX25L3273F, MX25L6473F, MX25L6450F, MX25L12850F, MX25L12873F, MX25L25673G, MX25L51245G, N25Q064A11ESEA0F | 8-Mar-2017 |
| 4.8.3 | Added W25Q128JVSQ, W25Q80DL, W25Q16JL, W25Q257FV, W25R256FV, W25M256JV, MT25QU128ABA1ESE | 22-Mar-2017 |
| 4.8.4 | Reorganized part list and added "Size" column. Added: MX25L25635F, MX25L25645G, MX25U25645G, IS25LP256D, IC25LP256D, IS25WP256D, IC25WP256D, IS25WP080D, IS25LP080D, IS25WP016D, IS25LP016D, IS25WP032D, IS25LP032D, MX25U51245G Removed: IC25WP256A, IC25LP256A, IS25LP256A | 5-May-2017 |
| 4.8.5 | Changed notes on Micron parts. Added: MT25QL128ABA, MT25QU128ABA, MT25QU256AB | 16-June-2017 |
| 4.8.6 | Added new vendor: XMC Added: XM25QH64A, XM25QH128A, XM25QU64A, XM25QH32B | 7-July-2017 |
| 4.8.7 | Part Correction: W25Q257FV to W25Q256FV | 19-July-2017 |
| 4.8.8 | Parts removed due to incompatibility with Intel firmware: W25M256JV, W25M512JV | 16-Aug-2017 |
| 4.8.9 | Added: GD25Q80C, GD25B16C, GD25Q16C, GD25B32C, GD25Q32C, GD25Q64C, GD25LQ128D, GD25Q128C, GD25B256D, GD25LQ256D, IS25LP128F, IS25WP128F Adding new note: GD25B16B, GD25B32B, GD25B64B, GD25R64B, GD25LB128C, GD25LQ256C | 11-Sep-2017 |
| 4.9.0 | Name update: EN25QH16A (2T), EN25QH32A (2T), EN25QH256 (2T), EN25QH128A (2T), EN25QH64A (2T), EN25QH80 (2T), EN25QH64 (2T), EN25Q40A (2T), EN25Q80B (2T), EN25S64 (2T), EN25S64A (2T), EN25S10A (2T), EN25S20A (2T), EN25S40A (2T), EN25S80A (2T), EN25S32 (2T), EN25QH16 (2T), EN25QH32 (2T), EN25QH128 (2T) Added: MX77L25650F, MX25L12833F, MX25L12872F, MX25L51273G, GD25R127D, GD25R256D, W25Q128JV-DTR, W25Q32JW, W25R256JV, W25R256JW, W25Q257JV | 30-Jan-2018 |
| 4.9.1 | Name Update: EN25S10A, EN25S20A, EN25Q40A, EN25S40A, EN25Q80B, EN25QH16A, EN25QH32A, EN25QH64A, EN25S64A Added: EN25F10A, EN25F20A, EN25S80B (2S), EN25Q80C (2A), EN25QH16B (2A), EN25S16B (2S), EN25QH32B (2B), EN25QH32B (2C), EN25QH64A (2YC), EN25S64A (2SC), EN25QH128A (2T), EN25QH128A (2TC) | 2-Feb-2018 |



| Revision Number | Description | Revision Date |
|-----------------|--|---------------|
| 4.9.2 | Added: XM25QH256B, XM25QU256B, XM25QH128C, XM25QU128C, XM25QH16B, XM25QH80B, XM25QH40B, XM25QH20B | 30-Mar-2018 |
| 4.9.3 | Added: W25Q256JV, W25Q256JW, W25R128JV, W25Q64JV, W25Q32JV, W25Q32JW, W25Q16JV | 25-Apr-18 |
| 4.9.4 | Information Edit: W25Q32JV Added: W25Q256JV DTR, W25Q256JW DTR, W25Q64JV DTR, W25Q32JV DTR, W25Q32JW DTR, W25Q16JV DTR | 2-May-18 |
| 4.9.5 | General Reorganized Parts by Vendor and Part Name Added: Winbond: W25Q128JW, W25Q128JW-DTR, W25R128FW, W25R128JW Macronix: MX77U12850F, MX77U25650F BOYA: BY25B128AS, BY25B64AS, BY25B32BS | 23-July-2018 |
| 4.9.6 | General Added: Winbond : W25Q512JV | 11-Dec-2018 |
| 4.9.7 | General Added : ISSI: IS25WQ256G, IS25LQ256G Removed: N25Q128, N25Q032, N25Q064, N25Q016, N25Q128A, N25Q256A, N25Q064A11EF640E, N25Q064A11ESEA0F | 10-Jan-2019 |
| 4.9.8 | General Adding: ESMT: EN25F10A (2NF), EN25S10A (2SQ), EN25F20A (2N), EN25S20A (2SF), EN25Q40B (2X), EN25S40A (2S), EN25S32A (2S), EN25QH256A (2RC) Gigadevice: GD25B32C, GD25B32B, GD25Q127C, GD25LB256E, GD25LR128D Micron: N25Q064A11EF640E, N25Q064A11ESEA0F (Moved to EOL) Parts listing EOL : EN25QH32A, EN25QH16A, N25Q064A11EF640E, N25Q064A11ESEA0F | 26-Mar-2019 |
| 4.9.9 | General Adding: User Guide for Series 8 listings in Section 1.3. Macronix : MX77L12850F, MX77L6450F, MX25U25673G, and MX25V1035FM11 Removed: Duplicate parts on VSCC DOC | 03-May-2019 |
| 5.0.0 | General Adding: Zbit : ZB25LQ128A, ZB25VQ128A, ZB25LQ256A, and ZB25VQ256A Gigadevice : GD25LR256E Fudan : FM25W128 | 20-Aug-2019 |



| Revision Number | Description | Revision Date |
|-----------------|--|---------------|
| | Correction to Device : "GD25R256D ES" corrected to "GD25R256D" | |
| 5.0.1 | Maintenance Release: Correction to Devices : From "ZB25L128A, ZB25V128A, ZB25L256A, and ZB25V256A" to "ZB25LQ128A, ZB25VQ128A, ZB25LQ256A, and ZB25VQ256A". | 10-Sept-2019 |
| 5.0.2 | General: Adding : Gigadevice : GD25Q256D, GD25Q257D, GD25LB512ME, GD25LR512ME Correcting Device: Macronix : MX77L25650F | 13-Dec-2019 |
| 5.0.3 | General: - Removed Duplicate Listings from Vendor Specific Component Capabilities (VSCC) Commn.bin for 2020 Winbond : W25Q16JV, W25Q256FV, W25Q256JV, W25Q256JW, W25Q32JW, W25Q64JV - Adding Parts : Winbond : W25Q16JW, W25Q16JW DTR, W25R64JV, W25Q64JW, W25Q64JW DTR, W25Q512JV DTR - Products Moving to EOL (End Of Life) Notation 1 Winbond : W25M512JV, W25Q128FV, W25Q128FW, W25Q16CL, W25Q16DV, W25Q16DW, W25Q16FW, W25Q32FV, W25Q32FW, W25Q64FV, W25Q64FW, W25Q80BL, W25Q80JV, W25R128FV, W25R128FW, W25R256FV, W25R64FV - Corrected Missing Parts : MX25L51237G | 18-Feb-2020 |
| 5.0.3.1 | Maintenance Release : Correction to VSCC List : Missing Information Winbond : W25Q16JW, W25Q16JW DTR, W25R64JV, W25Q64JW, W25Q64JW DTR, W25Q512JV DTR – Now Showing properly on the list. Macronix : MX25L51237G- Removed Quad Boot notation. - Products Moving to EOL (End Of Life) Notation 1, Added notation 2 Winbond : W25M512JV, W25Q128FV, W25Q128FW, W25Q16CL, W25Q16DV, W25Q16DW, W25Q16FW, W25Q32FV, W25Q32FW, W25Q64FV, W25Q64FW, W25Q80BL, W25Q80JV, W25R128FV, W25R128FW, W25R256FV, W25R64FV | 21-Feb-2020 |
| 5.0.4 | General: Parts adding: Macronix : MX25U6472F, MX25U12872F | 20-Mar-2020 |



| Revision Number | Description | Revision Date |
|-----------------|---|---------------|
| | Gigadevice: GD25LB32E, GD25LB64E, GD25LB128E, GD25LF255E(DTR), GD25LT256E(DTR), GD25B16E, GD25B32E, GD25B64E, GD25B128E, GD25B256E, GD25B257D(DTR), GD25LR64E, GD25LR128D Fudan: FM25W128 | |
| 5.0.4 Cont. | Parts Corrected: Gigadevice: GD25LB256E, GD25LR128D Winbond: W25Q16JW, W25R64JV, W25Q64JW | |
| 5.0.5 | Parts Adding: Winbond: W25R512JV, W25R64JW, W25Q01JV XMC: XM25QU64C, XM25QH32C, XM25QH16C, XM25RH256C, XM25RU256C XTX: XT25F128B, XT25RQ128D, XT25Q128D, XT25RQ256D, XT25RF256B, XT25BF256B, XT25BQ256D, XT25BQ128D Parts Corrected: Micronix: MX25L12873F > MX25L12872F Products Moving to EOL (End Of Life) Winbond: W25M256JV | 10-Jul-2020 |
| 5.0.6 | Parts Adding: Gigadevice: GD25B512ME, GD55B01GE Parts Corrected: Correction to Device : "GD25R256D ES" corrected to "GD25R256D" | 13-Aug-2020 |
| 5.0.7 | Parts Adding: XMC: XM25QH256C, XM25QU256C, XM25QU128B, XM25QH64C, XM25RH128C Micron: MT25QL128ABAxxxx-Mxxx, MT25QU128ABAxxxx-Mxxx, MT25QL128ABAxxxx-0xxx, MT25QU128ABAxxxx-0xxx, MT25QU128ABBxxxx-Cxxx, MT25QL128ABBxxxx-Cxxx, MT25QU256ABAxxxx-Mxxx, MT25QL256BBBxxxx-Cxxx, MT25QU256ABAxxxx-0xxx, MT25QL256ABAxxxx-0xxx, MT25QL512ABBxxxx-0xxx, MT25QU512ABBxxxx-0xxx, MT25QL01GBBBxxxx-0xxx, MT25QU01GBBBxxxx-0xxx, MT25QL02GCBxxxx-0xxx, MT25QU02GCBxxxx-0xxx | 14-Sep-2020 |
| 5.0.8 | Parts Adding: Macronix: MX77L51250F, MX66L1G45G, MX66U1G45G Gigadevice: GD25Q128E, GD25LQ128E | 16-Oct-2020 |
| 5.0.9 | Parts Adding: Gigadevice: GD25LR128E, GD25R64E, GD25R128E, GD25R256E, GD25R512ME | 18-Nov-2020 |
| 5.1.0 | Parts Adding: Winbond: W25Q512NW, W25Q512NW DTR EON / ESMT: EN25QX128A (2V), EN25QX64A (2C), EN25SX128A (2P) Removed Duplicate Listing: EON / ESMT: EN25QH128A (2T) Products Moving to EOL (End Of Life) Notation 1 EON / ESMT: EN25F20A, EN25Q40A, EN25Q80B, EN25S10A, EN25S20A, EN25S40A | 15-Dec-2020 |



| Revision Number | Description | Revision Date |
|-----------------|---|---------------|
| | Products with updated notations: EON / ESMT: EN25F10A (2NF), EN25S10A (2SQ), EN25F20A (2N), EN25S20A (2SF), EN25Q40B (2X), EN25S40A (2S), EN25S32A (2S), EN25QH256A (2RC), EN25F10A | |
| 5.1.1 | Parts Adding: Gigadevice: GD25Q64E, GD25Q32E, GD25Q16E, GD25Q80E, GD25LQ64E, GD25LQ32E, GD25LQ16E, GD25LQ80E Parts Corrected: Macronix: MX66L51235F, MX25L51245G (Memory Value Correction) | 17-Feb-2021 |
| 5.1.2 | Parts Added: XMC: XM25RU128C, XM25RH64C, XM25RU64C, XM25RH256C, XM25RU256C, XM25QH128C, XM25QU128C, XM25QU64C Parts Corrected: XMC: XM25QH64C, XM25RH128C, XM25QH256C, XM25QU256C XTX: XT25F128B, XT25RQ128D, XT25Q128D, XT25RQ256D, XT25RF256B, XT25BF256B, XT25BQ256D, XT25BQ128D Removed Duplicate Part Entries: Winbond: W25Q256JV, W25Q256JW, W25Q64JV, W25Q32JV, W25Q32JW, W25Q16JV Macronix: MX25U1635F, MX25U6473F, MX25U12873F, MX25U25635F, MX25L8073E, MX25L1673E, MX25L3273F, MX25L6473F, MX25L6450F, MX25L12850F, MX25L12873F, MX25L25673G, GigaDevice: GD25B32C, GD25B32B, GD25LR128D | 14-May-2021 |
| 5.1.3 | Parts Added: ISSI: IS25LP512M, IS25WP512M, IS25LP01G, IS25WP01G Macronix: MX77U51250F, MX77U12851F, MX25U25643G, MX25U25672G Parts Updated: Winbond: W25M512JV, W25Q10EW, W25Q128FV, W25Q128FW, W25Q128JV, W25Q128JV-DTR, W25Q128JW, W25Q128JW-DTR, W25Q16CL XMC: XM25QH256C, XM25QU256C, XM25RH128C, XM25QH64C, XM25RU128C, XM25RH64C, XM25RU64C | 1-June-2021 |
| 5.1.4 | Parts Added: XTX: XT25BQ64D, XT25BF64F, XT25BF128F, XT25BQ128F, XT25W512B, XT25W1GB | 19-June-2021 |
| 5.1.5 | Parts Added: XMC: XM25RH512C, XM25RU512C Parts Updated: Winbond: W25Q512NW, W25Q32JV-DTR, W25M256JV Micron: MT25QL128ABAxxxx-Mxxx, MT25QU128ABAxxxx-Mxxx, MT25QU256ABAxxxx-Mxxx Macronix: MX25L6445E, MX25L6475E, MX25L1675E, MX25L3275E Gigadevice: GD25B64C, GD25R128C, GD25R64B, GD25R64C EON/ESMT: EN25Q40A, EN25Q80B, EN25QH16A, EN25QH32A, EN25QH32B (2C), EN25QH64A, EN25S10A, EN25S20A, EN25S32, EN25S40A, EN25S64, EN25S64A, EN25S80A | 28-July-2021 |
| 5.1.6 | Parts Updated: XMC: XM25RH128C, XM25RU256C | 9-Sept-2021 |
| 5.1.7 | Parts Added: Winbond: W25R512NW, W25Q01NW, W25Q02JV-DTR GigaDevice: GD25WB256E, GD25WR256E, GD55B512ME, GD55R512ME, GD55WB512ME, GD55WR512ME Parts Updated: XMC: XM25QU64C, XM25RH256C, XM25RU256C | 19-Oct-21 |



| | | |
|-------|--|-----------|
| 5.1.8 | Parts Added: ISSI: IS25RLP256E, IS25RWP256E, IS25RLP128F, IS25RWP128F Parts Corrected Macronix: MX77L25650F | 18-Nov-21 |
| 5.1.9 | Parts Corrected: ISSI: IS25RLP256E, IS25LP512M | 17-Dec-21 |
| 6.0.1 | Parts Added: ISSI: IS25WJ032F Parts Updated Winbond W25Q01NW, W25Q02JV-DTR, W25M512JV | 8-Feb-22 |



1 Introduction

1.1 Overview

Vsccommn.bin file contains the serial flash device's Vendor ID, Device ID, and vendor-specific component capabilities information. The Vsccommn.bin file is used by Flash Image Tool (FITC) and MEManuf tool to select a serial flash device listed, to create flash image, and to check if the Intel® Management Engine (Intel® ME) and BIOS VSCC customer created matches the VSCC entry in the vsccommn.bin.

1.2 Terminology

| Term | Description |
|------|--|
| SPI | Serial Peripheral Interface |
| VSCC | Vendor-Specific Component Capabilities |
| RPMC | Replay Protected Monotonic Counter |

1.3 Reference Documents

| Document | Document No./Location |
|--|-----------------------|
| Intel® 6 Series Express Chipsets SPI Programming Guide | 445780 CDI/IBL |
| Intel® 7 Series Chipset and Intel® C216 Chipset SPI Programming Guide | 475653 CDI/IBL |
| Intel® 8 Series Chipset Family SPI Programming Guide | 560858 CDI/IBL |
| Lynx Point Chipset Intel® 8 Series Chipset Family SPI Programming Guide | 485495 CDI/IBL |
| Broadwell Platform Controller Hub-Low Power (PCH-LP) – Serial Peripheral Interface (SPI) Programming Guide | 523462 CDI/IBL |
| Skylake Platform Controller Hub-Low Power (PCH-LP) – Serial Peripheral Interface (SPI) Programming Guide | 550696 CDI/IBL |
| SPI Flash Size Technical Update | 606861 CDI/IBL |



1.4 Platform Voltage Requirements

Kaby Lake: Supports 1.8V and 3.3V

Coffee Lake: Supports 1.8V and 3.3V

Apollo Lake: Supports 1.8V

Ice Lake: Supports 1.8V and 3.3V

Gemini Lake: Supports 1.8V

Whiskey Lake: Supports 1.8V and 3.3V

Comet Lake: Supports 1.8V and 3.3V



2 Serial Flash Parts List

These settings are not part recommendations, nor are they an indication these parts are supported on Intel platforms. All parts on this list have NOT been validated, and it is the responsibility of the customer to validate the flash parts used on their platform.

Flash parts may change opcodes and architectures so please refer to the respective flash datasheet and errata/application note and flash vendor to confirm.

Table 2-1. List of Serial Flash Devices Added to the VSCOMMN.bin File

| Vendor | Part Name | Vendor ID | Device ID | VSCC Value (64 Byte Write Granularity) | VSCC Value (1 Byte Write Granularity) | Size | Notes |
|--------|------------|-----------|-----------|---|--|-------|-------|
| Zbit | ZB25LQ128A | 0x5E | 5018h | 0x2025 | 0x2021 | 128Mb | 4 |
| Zbit | ZB25LQ256A | 0x5E | 5019h | 0x2025 | 0x2021 | 256Mb | 4 |
| Zbit | ZB25VQ128A | 0x5E | 6018h | 0x2025 | 0x2021 | 128Mb | |
| Zbit | ZB25VQ256A | 0x5E | 6019h | 0x2025 | 0x2021 | 256Mb | |
| XMC | XM25QH128A | 0x20 | 7018h | 0x2005 | 0x2001 | 128Mb | |
| XMC | XM25QH128C | 0x20 | 4018h | 0x2025 | 0x2021 | 64Mb | 3 |
| XMC | XM25QH16B | 0x20 | 4015h | 0x2025 | 0x2021 | 16Mb | 3 |
| XMC | XM25QH16C | 0x20 | 4015h | 0x2025 | 0x2021 | 16Mb | 3 |
| XMC | XM25QH20B | 0x20 | 4012h | 0x2025 | 0x2021 | 2Mb | 3 |
| XMC | XM25QH256B | 0x20 | 6019h | 0x2045 | 0x2041 | 256Mb | 3 |
| XMC | XM25QH256C | 0x20 | 4019h | 0x2025 | 0x2021 | 256Mb | 3 |
| XMC | XM25QH32B | 0x20 | 4016h | 0x2025 | 0x2021 | 32Mb | |
| XMC | XM25QH32C | 0x20 | 4016h | 0x2025 | 0x2021 | 32Mb | 3 |
| XMC | XM25QH40B | 0x20 | 4013h | 0x2025 | 0x2021 | 4Mb | 3 |
| XMC | XM25QH64A | 0x20 | 7017h | 0x2005 | 0x2001 | 64Mb | |
| XMC | XM25QH64C | 0x20 | 4017h | 0x2025 | 0x2021 | 256Mb | 3 |
| XMC | XM25QH80B | 0x20 | 4014h | 0x2025 | 0x2021 | 8Mb | 3 |
| XMC | XM25QU128B | 0x20 | 5018h | 0xD745 | 0xD741 | 128Mb | |
| XMC | XM25QU128C | 0x20 | 4118h | 0x2025 | 0x2021 | 128Mb | 3,4 |
| XMC | XM25QU256B | 0x20 | 7019h | 0x2045 | 0x2041 | 256Mb | 3,4 |
| XMC | XM25QU256C | 0x20 | 4119h | 0x2025 | 0x2021 | 256Mb | 3,4 |



Serial Flash Parts List

| Vendor | Part Name | Vendor ID | Device ID | VSCC Value (64 Byte Write Granularity) | VSCC Value (1 Byte Write Granularity) | Size | Notes |
|---------|---------------|-----------|-----------|---|--|-------|---------|
| XMC | XM25QU64A | 0x20 | 3817h | 0x2005 | 0x2001 | 64Mb | 4 |
| XMC | XM25QU64C | 0x20 | 4117h | 0x2025 | 0x2021 | 64Mb | 3,4 |
| XMC | XM25RH128C | 0x20 | 4318h | 0x2025 | 0x2021 | 128Mb | 3,5 |
| XMC | XM25RH256C | 0x20 | 4319h | 0x2025 | 0x2021 | 256Mb | 3,5 |
| XMC | XM25RH512C | 0x20 | 4320h | 0x2025 | 0x2021 | 512MB | 3,5 |
| XMC | XM25RH64C | 0x20 | 4317h | 0x2025 | 0x2021 | 64Mb | 3,5 |
| XMC | XM25RU128C | 0x20 | 4418h | 0x2025 | 0x2021 | 128Mb | 3,4,5 |
| XMC | XM25RU256C | 0x20 | 4419h | 0x2025 | 0x2021 | 256Mb | 3,4,5 |
| XMC | XM25RU512C | 0x20 | 4420h | 0x2025 | 0x2021 | 512MB | 3,4,5 |
| XMC | XM25RU64C | 0x20 | 4417h | 0x2025 | 0x2021 | 64Mb | 3,4,5 |
| Winbond | W25M256JV | 0xEFh | 4021h | 0x2025 | 0x2021 | 256Mb | 1 |
| Winbond | W25M512JV | 0xEFh | 7119h | 0x2025 | 0x2021 | 512Mb | 1,2,3 |
| Winbond | W25Q01JV | 0xEFh | 4021h | 0x2025 | 0x2021 | 1Gb | 3 |
| Winbond | W25Q10EW | 0xEFh | 6011h | 0x2025 | 0x2021 | 1Mb | 4 |
| Winbond | W25Q128FV | 0xEFh | 4018h | 0x2025 | 0x2021 | 128Mb | 1,2,3 |
| Winbond | W25Q128FW | 0xEFh | 6018h | 0x2025 | 0x2021 | 128Mb | 1,2,3,4 |
| Winbond | W25Q128JV | 0xEFh | 4018h | 0x2025 | 0x2021 | 128Mb | 3 |
| Winbond | W25Q128JV-DTR | 0xEFh | 7018h | 0x2025 | 0x2021 | 128Mb | 3 |
| Winbond | W25Q128JW | 0xEFh | 6018h | 0x2025 | 0x2021 | 128Mb | 3,4 |
| Winbond | W25Q128JW-DTR | 0xEFh | 8018h | 0x2025 | 0x2021 | 128Mb | 4 |
| Winbond | W25Q16CL | 0xEFh | 4015h | 0x2025 | 0x2021 | 16Mb | 1,2 |
| Winbond | W25Q16DV | 0xEFh | 4015h | 0x2025 | 0x2021 | 16Mb | 1,2,3 |
| Winbond | W25Q16DW | 0xEFh | 6015h | 0x2025 | 0x2021 | 16Mb | 1,2,4 |
| Winbond | W25Q16FW | 0xEFh | 6015h | 0x2025 | 0x2021 | 16Mb | 1,2,3,4 |
| Winbond | W25Q16JL | 0xEFh | 4015h | 0x2025 | 0x2021 | 16Mb | |
| Winbond | W25Q16JV | 0xEFh | 4015h | 0x2025 | 0x2021 | 16Mb | 3 |
| Winbond | W25Q16JV-DTR | 0xEFh | 7015h | 0x2025 | 0x2021 | 16Mb | |
| Winbond | W25Q16JW | 0xEFh | 6015h | 0x2025 | 0x2021 | 16Mb | 3,4 |

Serial Flash Parts List



| Vendor | Part Name | Vendor ID | Device ID | VSCC Value (64 Byte Write Granularity) | VSCC Value (1 Byte Write Granularity) | Size | Notes |
|---------|---------------|-----------|-----------|---|--|-------|---------|
| Winbond | W25Q16JW DTR | 0xEFh | 8015h | 0x2025 | 0x2021 | 16Mb | 4 |
| Winbond | W25Q20CL | 0xEFh | 4012h | 0x2025 | 0x2021 | 2Mb | |
| Winbond | W25Q20EW | 0xEFh | 6012h | 0x2025 | 0x2021 | 2Mb | 4 |
| Winbond | W25Q256FV | 0xEFh | 4019h | 0x2025 | 0x2021 | 256Mb | 1,2,3 |
| Winbond | W25Q256JV | 0xEFh | 4019h | 0x2025 | 0x2021 | 256Mb | 3 |
| Winbond | W25Q256JV-DTR | 0xEFh | 7019h | 0x2025 | 0x2021 | 256Mb | |
| Winbond | W25Q256JW | 0xEFh | 6019h | 0x2025 | 0x2021 | 256mb | 3,4 |
| Winbond | W25Q256JW-DTR | 0xEFh | 8019h | 0x2025 | 0x2021 | 256Mb | 4 |
| Winbond | W25Q257JV | 0xEFh | 4019h | 0x2025 | 0x2021 | 256Mb | 3 |
| Winbond | W25Q32FV | 0xEFh | 4016h | 0x2025 | 0x2021 | 32Mb | 1,2,3 |
| Winbond | W25Q32FW | 0xEFh | 6016h | 0x2025 | 0x2021 | 32Mb | 1,2,3,4 |
| Winbond | W25Q32JV | 0xEFh | 4016h | 0x2025 | 0x2021 | 32Mb | 3 |
| Winbond | W25Q32JV-DTR | 0xEFh | 7016h | 0x2025 | 0x2021 | 32Mb | |
| Winbond | W25Q32JW | 0xEFh | 6016h | 0x2025 | 0x2021 | 32Mb | 3,4 |
| Winbond | W25Q32JW-DTR | 0xEFh | 8016h | 0x2025 | 0x2021 | 32Mb | 4 |
| Winbond | W25Q40CL | 0xEFh | 4013h | 0x2025 | 0x2021 | 4Mb | |
| Winbond | W25Q40EW | 0xEFh | 6013h | 0x2025 | 0x2021 | 4Mb | 4 |
| Winbond | W25Q512JV | 0xEFh | 4020h | 0x2025 | 0x2021 | 512Mb | 3 |
| Winbond | W25Q512JV DTR | 0xEFh | 7020h | 0x2025 | 0x2021 | 512Mb | |
| Winbond | W25Q512NW | 0xEFh | 6020h | 0x2025 | 0x2021 | 512Mb | 3,4 |
| Winbond | W25Q512NW DTR | 0xEFh | 8020h | 0x2025 | 0x2021 | 512Mb | 3,4 |
| Winbond | W25Q64FV | 0xEFh | 4017h | 0x2025 | 0x2021 | 64Mb | 1,2,3 |
| Winbond | W25Q64FW | 0xEFh | 6017h | 0x2025 | 0x2021 | 64Mb | 1,2,3,4 |
| Winbond | W25Q64JV | 0xEFh | 4017h | 0x2025 | 0x2021 | 64Mb | 3 |
| Winbond | W25Q64JV-DTR | 0xEFh | 7017h | 0x2025 | 0x2021 | 64Mb | |
| Winbond | W25Q64JW | 0xEFh | 6017h | 0x2025 | 0x2021 | 64Mb | 3,4 |
| Winbond | W25Q64JW DTR | 0xEFh | 8017h | 0x2025 | 0x2021 | 64Mb | 4 |
| Winbond | W25Q80BL | 0xEFh | 4014h | 0x2025 | 0x2021 | 8Mb | 1,2 |



Serial Flash Parts List

| Vendor | Part Name | Vendor ID | Device ID | VSCC Value (64 Byte Write Granularity) | VSCC Value (1 Byte Write Granularity) | Size | Notes |
|---------|----------------------|-----------|-----------|---|--|-------|-----------|
| Winbond | W25Q80DL | 0xEFh | 4014h | 0x2025 | 0x2021 | 8Mb | |
| Winbond | W25Q80DV | 0xEFh | 4014h | 0x2025 | 0x2021 | 8Mb | |
| Winbond | W25Q80EW | 0xEFh | 6014h | 0x2025 | 0x2021 | 8Mb | 3,4 |
| Winbond | W25Q80JV | 0xEFh | 4014h | 0x2025 | 0x2021 | 8Mb | 1,3 |
| Winbond | W25R128FV | 0xEFh | 4018h | 0x2025 | 0x2021 | 128Mb | 1,2,3,5 |
| Winbond | W25R128FW | 0xEFh | 6018h | 0x2025 | 0x2021 | 128Mb | 1,2,3,4,5 |
| Winbond | W25R128JV | 0xEFh | 4018h | 0x2025 | 0x2021 | 128Mb | 3,5 |
| Winbond | W25R128JW | 0xEFh | 6018h | 0x2025 | 0x2021 | 128Mb | 3,4,5 |
| Winbond | W25R256FV | 0xEFh | 4019h | 0x2025 | 0x2021 | 256Mb | 1,2,3,5 |
| Winbond | W25R256JV | 0xEFh | 4019h | 0x2025 | 0x2021 | 256Mb | 3,5 |
| Winbond | W25R256JW | 0xEFh | 6019h | 0x2025 | 0x2021 | 256Mb | 3,4,5 |
| Winbond | W25R512JV | 0xEFh | 4020h | 0x2025 | 0x2021 | 512Mb | 3,5 |
| Winbond | W25R64FV | 0xEFh | 4017h | 0x2025 | 0x2021 | 64Mb | 1,2,3,5 |
| Winbond | W25R64JV | 0xEFh | 4017h | 0x2025 | 0x2021 | 64Mb | 3,5 |
| Winbond | W25R64JW | 0xEFh | 6017h | 0x2025 | 0x2021 | 64Mb | 3,4,5 |
| Winbond | W25X05CL | 0xEFh | 3010h | 0x2025 | 0x2021 | 512Kb | |
| Winbond | W25X10CL | 0xEFh | 3011h | 0x2025 | 0x2021 | 1Mb | |
| Winbond | W25X20CL | 0xEFh | 3012h | 0x2025 | 0x2021 | 2Mb | |
| Winbond | W25X40CL | 0xEFh | 3013h | 0x2025 | 0x2021 | 4Mb | |
| Winbond | W25R512NW | 0xEFh | 6020h | 0x2025 | 0x2021 | 512Mb | 3,4,5 |
| Winbond | W25Q01NW | 0xEFh | 6021h | 0x2025 | 0x2021 | 1Gb | 3,4 |
| Winbond | W25Q02JV-DTR | 0xEFh | 7022h | 0x2025 | 0x2021 | 2Gb | |
| Micron | MT25QL128ABAxxx-Mxxx | 0x20 | BA18h | 0x2005 | 0x2001 | 128Mb | 5 |
| Micron | MT25QU128ABAxxx-Mxxx | 0x20 | BB18h | 0x2005 | 0x2001 | 128Mb | 4, 5 |
| Micron | MT25QU256ABAxxx-Mxxx | 0x20 | BB19h | 0x2005 | 0x2001 | 256Mb | 4, 5 |
| Micron | MT25QL01GBBBxxx-Oxxx | 0x20 | BA21h | 0x2005 | 0x2001 | 1Gb | |

Serial Flash Parts List



| Vendor | Part Name | Vendor ID | Device ID | VSCC Value (64 Byte Write Granularity) | VSCC Value (1 Byte Write Granularity) | Size | Notes |
|----------|-----------------------|-----------|-----------|---|--|-------|-------|
| Micron | MT25QL02GCBBxxx-0xxx | 0x20 | BA22h | 0x2005 | 0x2001 | 2Gb | |
| Micron | MT25QL128ABA | 0x20 | BA18h | 0x2005 | 0x2001 | 128Mb | |
| Micron | MT25QL128ABAxxx-0xxx | 0x20 | BA18h | 0x2005 | 0x2001 | 128Mb | |
| Micron | MT25QL128ABBxxx-Cxxx | 0x20 | BA18h | 0x2005 | 0x2001 | 128Mb | 5 |
| Micron | MT25QL256ABA1EW9-OSIT | 0x20 | BA19h | 0x2005 | 0x2001 | 256Mb | |
| Micron | MT25QL256ABAxxx-0xxx | 0x20 | BA19h | 0x2005 | 0x2001 | 256Mb | |
| Micron | MT25QL256BBBxxx-Cxxx | 0x20 | BA19h | 0x2005 | 0x2001 | 256Mb | 5 |
| Micron | MT25QL512ABA | 0x20 | BA20h | 0x2005 | 0x2001 | 512Mb | |
| Micron | MT25QL512ABBxxx-0xxx | 0x20 | BA20h | 0x2005 | 0x2001 | 512Mb | |
| Micron | MT25QU01GBBBxxx-0xxx | 0x20 | BB21h | 0x2005 | 0x2001 | 1Gb | 4 |
| Micron | MT25QU02GCBBxxx-0xxx | 0x20 | BB22h | 0x2005 | 0x2001 | 2Gb | 4 |
| Micron | MT25QU128ABA | 0x20 | BB18h | 0x2005 | 0x2001 | 128Mb | |
| Micron | MT25QU128ABA1ESE | 0x20 | BB18h | 0x2005 | 0x2001 | 128Mb | 4 |
| Micron | MT25QU128ABAxxx-0xxx | 0x20 | BB18h | 0x2005 | 0x2001 | 128Mb | 4 |
| Micron | MT25QU128ABBxxx-Cxxx | 0x20 | BB18h | 0x2005 | 0x2001 | 128Mb | 4, 5 |
| Micron | MT25QU256AB | 0x20 | BB19h | 0x2005 | 0x2001 | 256Mb | 1,4 |
| Micron | MT25QU256ABAxxx-0xxx | 0x20 | BB19h | 0x2005 | 0x2001 | 256Mb | 4 |
| Micron | MT25QU512ABBxxx-0xxx | 0x20 | BB20h | 0x2005 | 0x2001 | 512Mb | 4 |
| Micron | N25Q064A11EF640E | 0x20 | BB17h | 0x2005 | 0x2001 | 64Mb | 1 |
| Micron | N25Q064A11ESEA0F | 0x20 | BB17h | 0x2005 | 0x2001 | 64Mb | 1 |
| Macronix | MX25L12833F | 0xC2 | 2018h | 0x2045 | 0x2041 | 128Mb | |
| Macronix | MX25L12835F | 0xC2 | 2018h | 0x2045 | 0x2041 | 128Mb | |



Serial Flash Parts List

| Vendor | Part Name | Vendor ID | Device ID | VSCC Value (64 Byte Write Granularity) | VSCC Value (1 Byte Write Granularity) | Size | Notes |
|----------|-------------|-----------|-----------|--|---|-------|-------|
| Macronix | MX25L12836E | 0xC2 | 2018h | 0x2045 | 0x2041 | 128Mb | 2 |
| Macronix | MX25L12850F | 0xC2 | 2018h | 0x2045 | 0x2041 | 128Mb | 3,5 |
| Macronix | MX25L12855E | 0xC2 | 2618h | 0x2045 | 0x2041 | 128Mb | 2 |
| Macronix | MX25L12865E | 0xC2 | 2018h | 0x2045 | 0x2041 | 128Mb | 2 |
| Macronix | MX25L12872F | 0xC2 | 2018h | 0x2045 | 0x2041 | 128Mb | 3 |
| Macronix | MX25L12873F | 0xC2 | 2018h | 0x2045 | 0x2041 | 128Mb | 3 |
| Macronix | MX25L12873G | 0xC2 | 2018h | 0x2045 | 0x2041 | 128Mb | 3 |
| Macronix | MX25L12875F | 0xC2 | 2018h | 0x2045 | 0x2041 | 128Mb | 2,3 |
| Macronix | MX25L1636E | 0xC2 | 2015h | 0x2045 | 0x2041 | 16Mb | 2 |
| Macronix | MX25L1673E | 0xC2 | 2415h | 0x2045 | 0x2041 | 16Mb | 3 |
| Macronix | MX25L1675E | 0xC2 | 2415h | 0x2045 | 0x2041 | 16Mb | 2,3 |
| Macronix | MX25L25635E | 0xC2 | 2019h | 0x2045 | 0x2041 | 256Mb | 2 |
| Macronix | MX25L25635F | 0xC2 | 2019h | 0x2045 | 0x2041 | 256Mb | |
| Macronix | MX25L25645G | 0xC2 | 2019h | 0x2045 | 0x2041 | 256Mb | |
| Macronix | MX25L25673G | 0xC2 | 2019h | 0x2045 | 0x2041 | 256Mb | 3 |
| Macronix | MX25L25735F | 0xC2 | 2019h | 0x2045 | 0x2041 | 256Mb | |
| Macronix | MX25L3273E | 0xC2 | 2016h | 0x2045 | 0x2041 | 32Mb | 2,3 |
| Macronix | MX25L3273F | 0xC2 | 2016h | 0x2045 | 0x2041 | 32Mb | 3 |
| Macronix | MX25L3275E | 0xC2 | 2016h | 0x2045 | 0x2041 | 32Mb | 2,3 |
| Macronix | MX25L51237G | 0xC2 | 201Ah | 0x2045 | 0x2041 | 512Mb | |
| Macronix | MX25L51245G | 0xC2 | 201Ah | 0x2045 | 0x2041 | 64Mb | |
| Macronix | MX25L51273G | 0xC2 | 201Ah | 0x2045 | 0x2041 | 512Mb | 3 |
| Macronix | MX25L6436E | 0xC2 | 2017h | 0x2045 | 0x2041 | 64Mb | 2 |
| Macronix | MX25L6445E | 0xC2 | 2017h | 0x2045 | 0x2041 | 64Mb | 2 |
| Macronix | MX25L6450F | 0xC2 | 2017h | 0x2045 | 0x2041 | 64Mb | 3,5 |
| Macronix | MX25L6455E | 0xC2 | 2617h | 0x2045 | 0x2041 | 64Mb | 2 |
| Macronix | MX25L6473E | 0xC2 | 2017h | 0x2045 | 0x2041 | 64Mb | 2,3 |
| Macronix | MX25L6473F | 0xC2 | 2017h | 0x2045 | 0x2041 | 64Mb | 3 |

Serial Flash Parts List



| Vendor | Part Name | Vendor ID | Device ID | VSCC Value (64 Byte Write Granularity) | VSCC Value (1 Byte Write Granularity) | Size | Notes |
|----------|---------------|-----------|-----------|---|--|-------|-------|
| Macronix | MX25L6475E | 0xC2 | 2017h | 0x2045 | 0x2041 | 64Mb | 2,3 |
| Macronix | MX25L6495F | 0xC2 | 9517h | 0x2045 | 0x2041 | 64Mb | |
| Macronix | MX25L8036E | 0xC2 | 2014h | 0x2045 | 0x2041 | 8Mb | 2 |
| Macronix | MX25L8073E | 0xC2 | 2014h | 0x2045 | 0x2041 | 8Mb | 3 |
| Macronix | MX25L8075E | 0xC2 | 2014h | 0x2045 | 0x2041 | 8Mb | 2,3 |
| Macronix | MX25U12835F | 0xC2 | 2538h | 0x2045 | 0x2041 | 128Mb | 4 |
| Macronix | MX25U12872F | 0xC2 | 2538h | 0x2045 | 0x2041 | 128Mb | 3,4 |
| Macronix | MX25U12873F | 0xC2 | 2538h | 0x2045 | 0x2041 | 128Mb | 3,4 |
| Macronix | MX25U1635F | 0xC2 | 2535h | 0x2045 | 0x2041 | 16Mb | 4 |
| Macronix | MX25U25635F | 0xC2 | 2539h | 0x2045 | 0x2041 | 256Mb | 4 |
| Macronix | MX25U25643G | 0xC2 | 2539h | 0x2045 | 0x2041 | 256Mb | 4 |
| Macronix | MX25U25645G | 0xC2 | 2539h | 0x2045 | 0x2041 | 256Mb | 4 |
| Macronix | MX25U25672G | 0xC2 | 2539h | 0x2045 | 0x2041 | 256Mb | 3,4 |
| Macronix | MX25U25673G | 0xC2 | 2539h | 0x2045 | 0x2041 | 256Mb | 3,4 |
| Macronix | MX25U3235F | 0xC2 | 2536h | 0x2045 | 0x2041 | 32Mb | 4 |
| Macronix | MX25U3273F | 0xC2 | 2536h | 0x2045 | 0x2041 | 32Mb | 3,4 |
| Macronix | MX25U51245G | 0xC2 | 253Ah | 0x2045 | 0x2041 | 512Mb | 4 |
| Macronix | MX25U6435F | 0xC2 | 2537h | 0x2045 | 0x2041 | 64Mb | 4 |
| Macronix | MX25U6472F | 0xC2 | 2537h | 0x2045 | 0x2041 | 64Mb | 3,4 |
| Macronix | MX25U6473F | 0xC2 | 2537h | 0x2045 | 0x2041 | 64Mb | 3,4 |
| Macronix | MX25U8033E | 0xC2 | 2534h | 0x2045 | 0x2041 | 8Mb | 4 |
| Macronix | MX25V1035FM1I | 0xC2 | 2311h | 0x2045 | 0x2041 | 1Mb | |
| Macronix | MX66L1G45G | 0xC2 | 2018h | 0x2045 | 0x2041 | 1Gb | |
| Macronix | MX66L51235F | 0xC2 | 201Ah | 0x2045 | 0x2041 | 64Mb | 2 |
| Macronix | MX66U1G45G | 0xC2 | 2538h | 0x2045 | 0x2041 | 1Gb | 4 |
| Macronix | MX77L12850F | 0xC2 | 7518h | 0x2045 | 0x2041 | 128Mb | 3,5 |
| Macronix | MX77L25650F | 0xC2 | 7519h | 0x2045 | 0x2041 | 256Mb | 3,5 |
| Macronix | MX77L51250F | 0xC2 | 751Ah | 0x2045 | 0x2041 | 512Mb | 3,5 |



Serial Flash Parts List

| Vendor | Part Name | Vendor ID | Device ID | VSCC Value (64 Byte Write Granularity) | VSCC Value (1 Byte Write Granularity) | Size | Notes |
|----------|-------------|-----------|-----------|---|--|--------|-------|
| Macronix | MX77L6450F | 0xC2 | 7517h | 0x2045 | 0x2041 | 64Mb | 3,5 |
| Macronix | MX77U12850F | 0xC2 | 7538h | 0x2045 | 0x2041 | 128Mb | 3,4,5 |
| Macronix | MX77U12851F | 0xC2 | 7538h | 0x2045 | 0x2041 | 128Mb | 3,4,5 |
| Macronix | MX77U25650F | 0xC2 | 7539h | 0x2045 | 0x2041 | 256Mb | 3,4,5 |
| Macronix | MX77U51250F | 0xC2 | 753Ah | 0x2045 | 0x2041 | 512Mb | 3,4,5 |
| ISSI | IC25LP064A | 0x9D | 6017h | 0xD745 | 0xD741 | 64Mb | 3 |
| ISSI | IC25LP128 | 0x9D | 6018h | 0xD745 | 0xD741 | 128Mb | 3 |
| ISSI | IC25LP256D | 0x9D | 6019h | 0xD745 | 0xD741 | 256Mb | |
| ISSI | IC25WP064 | 0x9D | 7017h | 0xD745 | 0xD741 | 64Mb | 3,4 |
| ISSI | IC25WP064A | 0x9D | 7017h | 0xD745 | 0xD741 | 64Mb | 3,4 |
| ISSI | IC25WP128 | 0x9D | 7018h | 0xD745 | 0xD741 | 128Mb | 3,4 |
| ISSI | IC25WP256D | 0x9D | 6019h | 0xD745 | 0xD741 | 256Mb | 4 |
| ISSI | IS25LP016D | 0x9D | 6015h | 0xD745 | 0xD741 | 16Mb | 3 |
| ISSI | IS25LP01G | 0x9D | 6018h | 0xD745 | 0xD741 | 1024Mb | |
| ISSI | IS25LP032D | 0x9D | 6016h | 0xD745 | 0xD741 | 32Mb | 3 |
| ISSI | IS25LP064A | 0x9D | 6017h | 0xD745 | 0xD741 | 64Mb | 3 |
| ISSI | IS25LP080D | 0x9D | 6014h | 0xD745 | 0xD741 | 8Mb | 3 |
| ISSI | IS25LP128 | 0x9D | 6018h | 0xD745 | 0xD741 | 128Mb | 3 |
| ISSI | IS25LP128F | 0x9D | 6018h | 0xD745 | 0xD741 | 128Mb | 3 |
| ISSI | IS25LP256D | 0x9D | 6019h | 0xD745 | 0xD741 | 256Mb | |
| ISSI | IS25LP512M | 0x9D | 601Ah | 0xD745 | 0xD741 | 512Mb | |
| ISSI | IS25LQ256G | 0x9D | 6019h | 0xD745 | 0xD741 | 256Mb | |
| ISSI | IS25WP016D | 0x9D | 7015h | 0xD745 | 0xD741 | 16Mb | 3,4 |
| ISSI | IS25WP01G | 0x9D | 7018h | 0xD745 | 0xD741 | 1024Mb | 4 |
| ISSI | IS25WP032D | 0x9D | 7016h | 0xD745 | 0xD741 | 32Mb | 3,4 |
| ISSI | IS25WP064 | 0x9D | 7017h | 0xD745 | 0xD741 | 64Mb | 3,4 |
| ISSI | IS25WP064A | 0x9D | 7017h | 0xD745 | 0xD741 | 64Mb | 3,4 |
| ISSI | IS25WP080D | 0x9D | 7014h | 0xD745 | 0xD741 | 8Mb | 3,4 |



| Vendor | Part Name | Vendor ID | Device ID | VSCC Value (64 Byte Write Granularity) | VSCC Value (1 Byte Write Granularity) | Size | Notes |
|------------|----------------|-----------|-----------|---|--|-------|---------|
| ISSI | IS25WP128 | 0x9D | 7018h | 0xD745 | 0xD741 | 128Mb | 3,4 |
| ISSI | IS25WP128F | 0x9D | 7018h | 0xD745 | 0xD741 | 12Mb | 3,4 |
| ISSI | IS25WP256A | 0x9D | 7019h | 0xD745 | 0xD741 | 256Mb | 3,4 |
| ISSI | IS25WP256D | 0x9D | 6019h | 0xD745 | 0xD741 | 256Mb | 4 |
| ISSI | IS25WP512M | 0x9D | 7018h | 0xD745 | 0xD741 | 512Mb | 4 |
| ISSI | IS25WQ256G | 0x9D | 7019h | 0xD745 | 0xD741 | 256Mb | 4 |
| ISSI | IS25RLP256E | 0x9D | 6019h | 0xD745 | 0xD741 | 256Mb | 3, 5 |
| ISSI | IS25RWP256E | 0x9D | 7019h | 0xD745 | 0xD741 | 256Mb | 3, 4, 5 |
| ISSI | IS25RLP128F | 0x9D | 6018h | 0xD745 | 0xD741 | 128Mb | 3, 5 |
| ISSI | IS25RWP128F | 0x9D | 7018h | 0xD745 | 0xD741 | 128Mb | 3, 4, 5 |
| ISSI | IS25WJ032F | 0x9D | 7016h | 0xD745 | 0xD741 | 32Mb | 4 |
| Fudan | FM25W128 | 0xA1 | 2818h | 0x2025 | 0x2021 | 128Mb | 4 |
| Gigadevice | GD25B127D | 0xC8 | 4018h | 0x2025 | 0x2021 | 128Mb | 3 |
| Gigadevice | GD25B128C | 0xC8 | 4018h | 0x2025 | 0x2021 | 128Mb | 3 |
| Gigadevice | GD25B128E | 0xC8 | 4018h | 0x2025 | 0x2021 | 128Mb | 3 |
| Gigadevice | GD25B16B | 0xC8 | 4015h | 0x2025 | 0x2021 | 16Mb | 1,3 |
| Gigadevice | GD25B16C | 0xC8 | 4015h | 0x2025 | 0x2021 | 16Mb | 3 |
| Gigadevice | GD25B16E | 0xC8 | 4015h | 0x2025 | 0x2021 | 16Mb | 3 |
| Gigadevice | GD25B256C | 0xC8 | 4019h | 0x2025 | 0x2021 | 256Mb | 3 |
| Gigadevice | GD25B256D | 0xC8 | 4019h | 0x2025 | 0x2021 | 256Mb | 3 |
| Gigadevice | GD25B256E | 0xC8 | 4019h | 0x2025 | 0x2021 | 256Mb | 3 |
| Gigadevice | GD25B257D(DTR) | 0xC8 | 4019h | 0x2026 | 0x2022 | 256Mb | 3 |
| Gigadevice | GD25B32B | 0xC8 | 4016h | 0x2025 | 0x2021 | 32Mb | 3 |
| Gigadevice | GD25B32C | 0xC8 | 4016h | 0x2025 | 0x2021 | 32Mb | 3 |
| Gigadevice | GD25B32E | 0xC8 | 4016h | 0x2025 | 0x2021 | 32Mb | 3 |
| Gigadevice | GD25B512ME | 0xC8 | 471Ah | 0x2030 | 0x2026 | 512Mb | 3 |
| Gigadevice | GD25B64B | 0xC8 | 4017h | 0x2025 | 0x2021 | 64Mb | 1,3 |
| Gigadevice | GD25B64C | 0xC8 | 4017h | 0x2025 | 0x2021 | 64Mb | 3 |



Serial Flash Parts List

| Vendor | Part Name | Vendor ID | Device ID | VSCC Value (64 Byte Write Granularity) | VSCC Value (1 Byte Write Granularity) | Size | Notes |
|------------|-----------------|-----------|-----------|---|--|---------|-------|
| Gigadevice | GD25B64E | 0xC8 | 4017h | 0x2025 | 0x2021 | 64Mb | 3 |
| Gigadevice | GD25LB128C | 0xC8 | 6018h | 0x2025 | 0x2021 | 128Mb | 1,3,4 |
| Gigadevice | GD25LB128D | 0xC8 | 6018h | 0x2025 | 0x2021 | 128Mb | 3,4 |
| Gigadevice | GD25LB128E | 0xC8 | 6018h | 0x2025 | 0x2021 | 128Mb | 3,4 |
| Gigadevice | GD25LB256D | 0xC8 | 6019h | 0x2025 | 0x2021 | 256Mb | 3,4 |
| Gigadevice | GD25LB256E | 0xC8 | 6719h | 0x2025 | 0x2021 | 256Mb | 3 |
| Gigadevice | GD25LB32E | 0xC8 | 6016h | 0x2025 | 0x2021 | 32Mb | 3,4 |
| Gigadevice | GD25LB512ME | 0xC8 | 671Ah | 0x2025 | 0x2021 | 512Mb | 3,4 |
| Gigadevice | GD25LB64C | 0xC8 | 6017h | 0x2025 | 0x2021 | 64Mb | 3,4 |
| Gigadevice | GD25LB64E | 0xC8 | 6017h | 0x2025 | 0x2021 | 64Mb | 3,4 |
| Gigadevice | GD25LF255E(DTR) | 0xC8 | 6319h | 0x2025 | 0x2021 | 256Mb | 3,4 |
| Gigadevice | GD25LQ128D | 0xC8 | 6018h | 0x2025 | 0x2021 | 128Mb | 4 |
| Gigadevice | GD25LQ128E | 0xC8 | 6018h | 0x2032 | 0x2028 | 128Mb | 4 |
| Gigadevice | GD25LQ16E | 0xC8h | 6015 | 0x2044 | 0x2040 | 16Mbit | 4 |
| Gigadevice | GD25LQ256C | 0xC8 | 6019h | 0x2025 | 0x2021 | 256Mb | 1,4 |
| Gigadevice | GD25LQ256D | 0xC8 | 6019h | 0x2025 | 0x2021 | 256Mb | 4 |
| Gigadevice | GD25LQ32E | 0xC8h | 6016 | 0x2043 | 0x2039 | 32Mbit | 4 |
| Gigadevice | GD25LQ64C | 0xC8 | 6017h | 0x2025 | 0x2021 | 64Mb | 3,4 |
| Gigadevice | GD25LQ64E | 0xC8h | 6017 | 0x2042 | 0x2038 | 64Mbit | 4 |
| Gigadevice | GD25LQ80E | 0xC8h | 6014 | 0x2045 | 0x2041 | 8Mbit | 4 |
| Gigadevice | GD25LR128D | 0xC8 | 6018h | 0x2028 | 0x2024 | 128Mb | 3,4,5 |
| Gigadevice | GD25LR128E | 0xC8h | 6018 | 0x2033 | 0x2029 | 128Mbit | 4,5 |
| Gigadevice | GD25LR256E | 0xC8 | 6719h | 0x2025 | 0x2021 | 256Mb | 4,5 |
| Gigadevice | GD25LR512ME | 0xC8 | 671Ah | 0x2025 | 0x2021 | 512Mb | 3,4,5 |
| Gigadevice | GD25LR64E | 0xC8 | 6017h | 0x2027 | 0x2023 | 64Mb | 3,4,5 |
| Gigadevice | GD25LT256E(DTR) | 0xC8 | 6619h | 0x2025 | 0x2021 | 256Mb | 3,4 |
| Gigadevice | GD25Q127C | 0xC8 | 4018h | 0x2025 | 0x2021 | 128Mb | |
| Gigadevice | GD25Q128C | 0xC8 | 4018h | 0x2025 | 0x2021 | 128Mb | |

Serial Flash Parts List



| Vendor | Part Name | Vendor ID | Device ID | VSCC Value (64 Byte Write Granularity) | VSCC Value (1 Byte Write Granularity) | Size | Notes |
|------------|-------------|-----------|-----------|---|--|---------|-------|
| Gigadevice | GD25Q128E | 0xC8 | 4018h | 0x2031 | 0x2027 | 128Mb | |
| Gigadevice | GD25Q16C | 0xC8 | 4015h | 0x2025 | 0x2021 | 16Mb | |
| Gigadevice | GD25Q16E | 0xC8h | 4015 | 0x2040 | 0x2036 | 16Mbit | |
| Gigadevice | GD25Q256C | 0xC8 | 4019h | 0x2025 | 0x2021 | 256Mb | |
| Gigadevice | GD25Q256D | 0xC8 | 4019h | 0x2025 | 0x2021 | 256Mb | |
| Gigadevice | GD25Q257D | 0xC8 | 4019h | 0x2025 | 0x2021 | 256Mb | |
| Gigadevice | GD25Q32C | 0xC8 | 4016h | 0x2025 | 0x2021 | 32Mb | |
| Gigadevice | GD25Q32E | 0xC8h | 4016 | 0x2039 | 0x2035 | 32Mbit | |
| Gigadevice | GD25Q64C | 0xC8 | 4017h | 0x2025 | 0x2021 | 64Mb | |
| Gigadevice | GD25Q64E | 0xC8h | 4017 | 0x2038 | 0x2034 | 64Mbit | |
| Gigadevice | GD25Q80C | 0xC8 | 4014h | 0x2025 | 0x2021 | 8Mb | |
| Gigadevice | GD25Q80E | 0xC8h | 4014 | 0x2041 | 0x2037 | 8Mbit | |
| Gigadevice | GD25R127D | 0xC8 | 4018h | 0x2025 | 0x2021 | 128Mb | 3,5 |
| Gigadevice | GD25R128C | 0xC8 | 4018h | 0x2025 | 0x2021 | 128Mb | 3 |
| Gigadevice | GD25R128E | 0xC8h | 4018 | 0x2035 | 0x2031 | 128Mbit | 5 |
| Gigadevice | GD25R256D | 0xC8 | 4019h | 0x2025 | 0x2021 | 256Mb | 3,5 |
| Gigadevice | GD25R256E | 0xC8h | 4019 | 0x2036 | 0x2032 | 256Mbit | 5 |
| Gigadevice | GD25R512ME | 0xC8h | 471A | 0x2037 | 0x2033 | 512Mbit | 5 |
| Gigadevice | GD25R64B | 0xC8 | 4017h | 0x2025 | 0x2021 | 64Mb | 1,3 |
| Gigadevice | GD25R64C | 0xC8 | 4017h | 0x2025 | 0x2021 | 64Mb | 3 |
| Gigadevice | GD25R64E | 0xC8h | 4017 | 0x2034 | 0x2030 | 64Mbit | 5 |
| Gigadevice | GD55B01GE | 0xC8 | 471Bh | 0x2029 | 0x2025 | 1024Mb | 3 |
| Gigadevice | GD25WB256E | 0xC8 | 6519h | 0x2025 | 0x2021 | 256Mb | 3,6 |
| Gigadevice | GD25WR256E | 0xC8 | 6519h | 0x2025 | 0x2021 | 256Mb | 5,6 |
| Gigadevice | GD55B512ME | 0xC8 | 401Ah | 0x2025 | 0x2021 | 512Mb | 3 |
| Gigadevice | GD55R512ME | 0xC8 | 401Ah | 0x2025 | 0x2021 | 512Mb | 5 |
| Gigadevice | GD55WB512ME | 0xC8 | 651Ah | 0x2025 | 0x2021 | 512Mb | 3,6 |
| | GD55WR512ME | 0xC8 | 651Ah | 0x2025 | 0x2021 | 512Mb | 3,6 |



Serial Flash Parts List

| Vendor | Part Name | Vendor ID | Device ID | VSCC Value (64 Byte Write Granularity) | VSCC Value (1 Byte Write Granularity) | Size | Notes |
|------------|------------------|-----------|-----------|--|---|-------|-------|
| EON / ESMT | EN25F10A | 0x1C | 3111h | 0x2005 | 0x2001 | 1Mb | 3 |
| EON / ESMT | EN25F10A (2NF) | 0x1C | 3111h | 0x2005 | 0x2001 | 1Mb | 3 |
| EON / ESMT | EN25F20A | 0x1C | 3112h | 0x2005 | 0x2001 | 2Mb | 1,3 |
| EON / ESMT | EN25F20A (2N) | 0x1C | 3112h | 0x2005 | 0x2001 | 2Mb | 3 |
| EON / ESMT | EN25Q40A | 0x1C | 3013h | 0x2005 | 0x2001 | 4Mb | 1,3 |
| EON / ESMT | EN25Q40B (2X) | 0x1C | 3013h | 0x2005 | 0x2001 | 4Mb | 3 |
| EON / ESMT | EN25Q80B | 0x1C | 3014h | 0x2005 | 0x2001 | 8Mb | 1,3 |
| EON / ESMT | EN25Q80C (2A) | 0x1C | 3014h | 0x2005 | 0x2001 | 8Mb | 3 |
| EON / ESMT | EN25QH128 | 0x1C | 7018h | 0x2005 | 0x2001 | 128Mb | 1,3 |
| EON / ESMT | EN25QH128A (2T) | 0x1C | 7018h | 0x2005 | 0x2001 | 128Mb | 2,3 |
| EON / ESMT | EN25QH128A (2TC) | 0x1C | 7018h | 0x2005 | 0x2001 | 128Mb | 3 |
| EON / ESMT | EN25QH16 | 0x1C | 7015h | 0x2005 | 0x2001 | 16Mb | 1,3 |
| EON / ESMT | EN25QH16A | 0x1C | 7015h | 0x2005 | 0x2001 | 16Mb | 1,2,3 |
| EON / ESMT | EN25QH16B (2A) | 0x1C | 7015h | 0x2005 | 0x2001 | 16Mb | 3 |
| EON / ESMT | EN25QH256 | 0x1C | 7019h | 0x2005 | 0x2001 | 256Mb | 1,3 |
| EON / ESMT | EN25QH256A (2RC) | 0x1C | 7019h | 0x2005 | 0x2001 | 256Mb | 3 |
| EON / ESMT | EN25QH32 | 0x1C | 7016h | 0x2005 | 0x2001 | 32Mb | 1,3 |
| EON / ESMT | EN25QH32A | 0x1C | 7016h | 0x2005 | 0x2001 | 32Mb | 1,2,3 |
| EON / ESMT | EN25QH32B (2B) | 0x1C | 7016h | 0x2005 | 0x2001 | 32Mb | 3 |
| EON / ESMT | EN25QH32B (2C) | 0x1C | 7016h | 0x2005 | 0x2001 | 32Mb | 3 |
| EON / ESMT | EN25QH64 | 0x1C | 7017h | 0x2005 | 0x2001 | 64Mb | 1,3 |
| EON / ESMT | EN25QH64A | 0x1C | 7017h | 0x2005 | 0x2001 | 64Mb | 2,3 |
| EON / ESMT | EN25QH64A (2YC) | 0x1C | 7017h | 0x2005 | 0x2001 | 64Mb | 3 |
| EON / ESMT | EN25QH80 | 0x1C | 7014h | 0x2005 | 0x2001 | 8Mb | 1,3 |
| EON / ESMT | EN25QX128A (2V) | 0x1C | 7118h | 0x2005 | 0x2001 | 128Mb | 3 |
| EON / ESMT | EN25QX64A (2C) | 0x1C | 7117h | 0x2005 | 0x2001 | 64Mb | 3 |
| EON / ESMT | EN25S10A | 0x1C | 3811h | 0x2005 | 0x2001 | 1Mb | 1,3,4 |
| EON / ESMT | EN25S10A (2SQ) | 0x1C | 3811h | 0x2005 | 0x2001 | 1Mb | 3,4 |



| Vendor | Part Name | Vendor ID | Device ID | VSCC Value (64 Byte Write Granularity) | VSCC Value (1 Byte Write Granularity) | Size | Notes |
|------------|-----------------|-----------|-----------|---|--|-------|-------|
| EON / ESMT | EN25S16B (2S) | 0x1C | 3815h | 0x2005 | 0x2001 | 16Mb | 3,4 |
| EON / ESMT | EN25S20A | 0x1C | 3812h | 0x2005 | 0x2001 | 2Mb | 1,3,4 |
| EON / ESMT | EN25S20A (2SF) | 0x1C | 3812h | 0x2005 | 0x2001 | 2Mb | 3,4 |
| EON / ESMT | EN25S32 | 0x1C | 3816h | 0x2005 | 0x2001 | 32Mb | 1,3,4 |
| EON / ESMT | EN25S32A (2S) | 0x1C | 3816h | 0x2005 | 0x2001 | 32Mb | 3,4 |
| EON / ESMT | EN25S40A | 0x1C | 3813h | 0x2005 | 0x2001 | 4Mb | 1,3,4 |
| EON / ESMT | EN25S40A (2S) | 0x1C | 3813h | 0x2005 | 0x2001 | 4Mb | 3,4 |
| EON / ESMT | EN25S64 | 0x1C | 3817h | 0x2005 | 0x2001 | 64Mb | 1,3,4 |
| EON / ESMT | EN25S64A | 0x1C | 3817h | 0x2005 | 0x2001 | 64Mb | 3,4 |
| EON / ESMT | EN25S64A (2SC) | 0x1C | 3817h | 0x2005 | 0x2001 | 64Mb | 3,4 |
| EON / ESMT | EN25S80A | 0x1C | 3814h | 0x2005 | 0x2001 | 8Mb | 1,3,4 |
| EON / ESMT | EN25S80B (2S) | 0x1C | 3814h | 0x2005 | 0x2001 | 8Mb | 3,4 |
| EON / ESMT | EN25SX128A (2P) | 0x1C | 7818h | 0x2005 | 0x2001 | 128Mb | 3,4 |
| BOYA | BY25B128AS | 0x68 | 4018h | 0x2005 | 0x2001 | 128Mb | 3 |
| BOYA | BY25B32BS | 0x68 | 4016h | 0x2005 | 0x2001 | 32Mb | 3 |
| BOYA | BY25B64AS | 0x68 | 4017h | 0x2005 | 0x2001 | 64Mb | 3 |
| Adesto | AT25QF128 | 0x1F | 7018h | 0x2005 | 0x2001 | 128Mb | 3 |
| Adesto | AT25QF641 | 0x1F | 3217h | 0x2025 | 0x2021 | 64Mb | 3 |
| Adesto | AT25QL128A | 0x1F | 4218h | 0x2025 | 0x2021 | 128Mb | 3,4 |
| Adesto | AT25QL321 | 0x1F | 4216h | 0x2025 | 0x2021 | 32Mb | 3,4 |
| Adesto | AT25QL641 | 0x1F | 4317h | 0x2025 | 0x2021 | 64Mb | 3,4 |
| Adesto | AT25SF128 | 0x1F | 7018h | 0x2005 | 0x2001 | 128Mb | |
| Adesto | AT25SF641 | 0x1F | 3217h | 0x2025 | 0x2021 | 64Mb | |
| Adesto | AT25SL128A | 0x1F | 4218h | 0x2025 | 0x2021 | 128Mb | 4 |
| XTX | XT25BF128F | 0x0Bh | 4018h | 0x2025 | 0x2021 | 128Mb | 3 |
| XTX | XT25BF256B | 0x0Bh | 4019h | 0x2025 | 0x2021 | 256Mb | 3 |
| XTX | XT25BF64F | 0x0Bh | 4017h | 0x2025 | 0x2021 | 64Mb | 3 |
| XTX | XT25BQ128D | 0x0Bh | 6018h | 0x2025 | 0x2021 | 128Mb | 3,4 |



NOTES:

1. End of life

Serial Flash Parts List



2. Products replaced by new ones
3. Device boots up in Quad mode by default
4. SPI voltage is 1.8V
5. RPMC capable

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