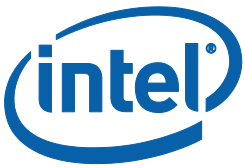

Vendor Specific Component Capabilities (VSCC) Comm.bin Content for 2017 Platforms

Application Note

May 2017

Revision 4.8.4

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Contents

Tables

Revision History

Document Number	Revision Number	Description	Revision Date
N/A	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

Document Number	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 vsccommn.bin for SST25VF016B, SST25VF032B, SST25VF040B, SST25F080B.	4/30/2012
	2.7	Updated Chingis device ID with 7F44h, 7F45h, 7F46h in vsccommn.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 vscccommn.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

Document Number	Revision Number	Description	Revision Date
	3.9	Added S25FL164K0XMFIQ10 and S25FL132K0XMFIQ10	11/27/2013
	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-0SIT,MT25QL256ABA8ESF-MSIT,MT25QL512ABA8ESF-0SIT,MT25QU512ABA8ESF-0SIT Added Macronix device MX25L6495FM2I-08G Added EON devices EN25QH64A, EN25QH128A Added Gigadevice devices GD25LB64CSIG, GD25LB128CSIG Added ISSI devices IS25LP128,IC25LP128,IS25LP064,IC25LP064,IS25WP128,IC25WP128,1S25WP064,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,	3/28/2017

Document Number	Revision Number	Description	Revision Date
		FM25Q128, F25L32PA(2S), F25L64PA, F25L16PA, F25L04PA, F25L08PA, F25L16PA(2S), F25L32PA	
	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
	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,MT25QL256ABA1EW9-0SIT, 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 W25Q128JVSIQ, 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

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 also 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
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

1.4 Platform Voltage Requirements

Kabylake: Supports 1.8V and 3.3V

Apollo Lake: Supports 1.8V

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 VSCCOMMN.bin File

Vendor	Part Name	Vendor ID	Device ID	VSCC Value (64 Byte Write Granularity)	VSCC Value (1 Byte Write Granularity)	Size	Notes
Winbond	W25X05CL	0xEFh	3010h	0x2025	0x2021	512Kb	
Winbond	W25X10CL	0xEFh	3011h	0x2025	0x2021	1Mb	
Winbond	W25Q10EW	0xEFh	6011h	0x2025	0x2021	1Mb	4
Winbond	W25X20CL	0xEFh	3012h	0x2025	0x2021	2Mb	
Winbond	W25Q20CL	0xEFh	4012h	0x2025	0x2021	2Mb	
Winbond	W25Q20EW	0xEFh	6012h	0x2025	0x2021	2Mb	4
Winbond	W25X40CL	0xEFh	3013h	0x2025	0x2021	4Mb	
Winbond	W25Q40CL	0xEFh	4013h	0x2025	0x2021	4Mb	
Winbond	W25Q40EW	0xEFh	6013h	0x2025	0x2021	4Mb	4
Winbond	W25Q80DV	0xEFh	4014h	0x2025	0x2021	8Mb	
Winbond	W25Q80JV	0xEFh	4014h	0x2025	0x2021	8Mb	3
Winbond	W25Q80BL	0xEFh	4014h	0x2025	0x2021	8Mb	
Winbond	W25Q80DL	0xEFh	4014h	0x2025	0x2021	8Mb	
Winbond	W25Q80EW	0xEFh	6014h	0x2025	0x2021	8Mb	3,4
Winbond	W25Q16DV	0xEFh	4015h	0x2025	0x2021	16Mb	3
Winbond	W25Q16JV	0xEFh	4015h	0x2025	0x2021	16Mb	3
Winbond	W25Q16CL	0xEFh	4015h	0x2025	0x2021	16Mb	
Winbond	W25Q16JL	0xEFh	4015h	0x2025	0x2021	16Mb	
Winbond	W25Q16DW	0xEFh	6015h	0x2025	0x2021	16Mb	4
Winbond	W25Q16FW	0xEFh	6015h	0x2025	0x2021	16Mb	3,4
Winbond	W25Q32FV	0xEFh	4016h	0x2025	0x2021	32Mb	3
Winbond	W25Q32JV	0xEFh	4016h	0x2025	0x2021	32Mb	3

Vendor	Part Name	Vendor ID	Device ID	VSCC Value (64 Byte Write Granularity)	VSCC Value (1 Byte Write Granularity)	Size	Notes
Winbond	W25Q32FW	0xEFh	6016h	0x2025	0x2021	32Mb	3,4
Winbond	W25Q64FV	0xEFh	4017h	0x2025	0x2021	64Mb	3
Winbond	W25R64FV	0xEFh	4017h	0x2025	0x2021	64Mb	3,5
Winbond	W25Q64JV	0xEFh	4017h	0x2025	0x2021	64Mb	3
Winbond	W25Q64FW	0xEFh	6017h	0x2025	0x2021	64Mb	3,4
Winbond	W25Q128FV	0xEFh	4018h	0x2025	0x2021	128Mb	3
Winbond	W25R128FV	0xEFh	4018h	0x2025	0x2021	128Mb	3,5
Winbond	W25Q128JV	0xEFh	4018h	0x2025	0x2021	128Mb	3
Winbond	W25Q128FW	0xEFh	6018h	0x2025	0x2021	128Mb	3,4
Winbond	W25Q256FV	0xEFh	4019h	0x2025	0x2021	256Mb	3
Winbond	W25R256FV	0xEFh	4019h	0x2025	0x2021	256Mb	3,5
Winbond	W25Q257FV	0xEFh	4019h	0x2025	0x2021	256Mb	3,4
Winbond	W25Q256JV	0xEFh	4019h	0x2025	0x2021	256Mb	3
Winbond	W25M256JV	0xEFh	7118h	0x2025	0x2021	256Mb	3
Winbond	W25Q256JW	0xEFh	6019h	0x2025	0x2021	256mb	3,4
Winbond	W25M512JV	0xEFh	7119h	0x2025	0x2021	512Mb	3
Micron	N25Q016	0x20	BA15h	0x2005	0x2001	16Mb	3
Micron	N25Q032	0x20	BA16h	0x2005	0x2001	32Mb	3
Micron	N25Q064	0x20	BA17h	0x2005	0x2001	64Mb	3
Micron	N25Q064A11EF640E	0x20	BB17h	0x2005	0x2001	64Mb	4
Micron	N25Q064A11ESEA0F	0x20	BB17h	0x2005	0x2001	64Mb	3,4
Micron	N25Q128	0x20	BA18h	0x2005	0x2001	128Mb	3
Micron	N25Q128A	0x20	BB18h	0x2005	0x2001	128Mb	4
Micron	MT25QU128ABA1ESE	0x20	BB18h	0x2005	0x2001	128Mb	3,4
Micron	MT25QL256ABA1EW9-0SIT	0x20	BA19h	0x2005	0x2001	256Mb	3
Micron	N25Q256A	0x20	BB19h	0x2005	0x2001	256Mb	
Micron	MT25QL512ABA	0x20	BA20h	0x2005	0x2001	512Mb	3
Macronix	MX25L8073E	0xC2	2014h	0x2045	0x2041	8Mb	3

Vendor	Part Name	Vendor ID	Device ID	VSCC Value (64 Byte Write Granularity)	VSCC Value (1 Byte Write Granularity)	Size	Notes
Macronix	MX25L8075E	0xC2	2014h	0x2045	0x2041	8Mb	2,3
Macronix	MX25L8036E	0xC2	2014h	0x2045	0x2041	8Mb	2
Macronix	MX25U8033E	0xC2	2534h	0x2045	0x2041	8Mb	4
Macronix	MX25L1675E	0xC2	2415h	0x2045	0x2041	16Mb	2,3
Macronix	MX25L1673E	0xC2	2415h	0x2045	0x2041	16Mb	3
Macronix	MX25L1636E	0xC2	2015h	0x2045	0x2041	16Mb	2
Macronix	MX25U1635F	0xC2	2535h	0x2045	0x2041	16Mb	4
Macronix	MX25L3273E	0xC2	2016h	0x2045	0x2041	32Mb	2,3
Macronix	MX25L3275E	0xC2	2016h	0x2045	0x2041	32Mb	2,3
Macronix	MX25L3273F	0xC2	2016h	0x2045	0x2041	32Mb	3
Macronix	MX25U3273F	0xC2	2536h	0x2045	0x2041	32Mb	3,4
Macronix	MX25U3235F	0xC2	2536h	0x2045	0x2041	32Mb	4
Macronix	MX25L6475E	0xC2	2017h	0x2045	0x2041	64Mb	2,3
Macronix	MX25L6473E	0xC2	2017h	0x2045	0x2041	64Mb	2,3
Macronix	MX25L6450F	0xC2	2017h	0x2045	0x2041	64Mb	3,5
Macronix	MX25L6473F	0xC2	2017h	0x2045	0x2041	64Mb	3
Macronix	MX25L6495F	0xC2	9517h	0x2045	0x2041	64Mb	
Macronix	MX25L6445E	0xC2	2017h	0x2045	0x2041	64Mb	2
Macronix	MX25L6436E	0xC2	2017h	0x2045	0x2041	64Mb	2
Macronix	MX25L6455E	0xC2	2617h	0x2045	0x2041	64Mb	2
Macronix	MX25U6473F	0xC2	2537h	0x2045	0x2041	64Mb	3,4
Macronix	MX25U6435F	0xC2	2537h	0x2045	0x2041	64Mb	4
Macronix	MX25L12850F	0xC2	2018h	0x2045	0x2041	128Mb	3,5
Macronix	MX25L12875F	0xC2	2018h	0x2045	0x2041	128Mb	2,3
Macronix	MX25L12873F	0xC2	2018h	0x2045	0x2041	128Mb	3
Macronix	MX25L12873G	0xC2	2018h	0x2045	0x2041	128Mb	3
Macronix	MX25L12836E	0xC2	2018h	0x2045	0x2041	128Mb	2
Macronix	MX25L12855E	0xC2	2618h	0x2045	0x2041	128Mb	2
Macronix	MX25L12865E	0xC2	2018h	0x2045	0x2041	128Mb	2

Vendor	Part Name	Vendor ID	Device ID	VSCC Value (64 Byte Write Granularity)	VSCC Value (1 Byte Write Granularity)	Size	Notes
Macronix	MX25L12835F	0xC2	2018h	0x2045	0x2041	128Mb	
Macronix	MX25U12835F	0xC2	2538h	0x2045	0x2041	128Mb	4
Macronix	MX25U12873F	0xC2	2538h	0x2045	0x2041	128Mb	3,4
Macronix	MX25L25673G	0xC2	2019h	0x2045	0x2041	256Mb	3
Macronix	MX25L25635E	0xC2	2019h	0x2045	0x2041	256Mb	2
Macronix	MX25L25735F	0xC2	2019h	0x2045	0x2041	256Mb	
Macronix	MX25L25635F	0xC2	2019h	0x2045	0x2041	256Mb	
Macronix	MX25L25645G	0xC2	2019h	0x2045	0x2041	256Mb	
Macronix	MX25U25645G	0xC2	2539h	0x2045	0x2041	256Mb	4
Macronix	MX25U25635F	0xC2	2539h	0x2045	0x2041	256Mb	4
Macronix	MX66L51235F	0xC2	201Ah	0x2045	0x2041	512Mb	2
Macronix	MX25L51245G	0xC2	201Ah	0x2045	0x2041	512Mb	
Macronix	MX25U51245G	0xC2	253Ah	0x2045	0x2041	512Mb	4
ISSI	IS25LP080D	0x9D	6014h	0xD745	0xD741	8Mb	3
ISSI	IS25WP080D	0x9D	7014h	0xD745	0xD741	8Mb	3,4
ISSI	IS25LP016D	0x9D	6015h	0xD745	0xD741	16Mb	3
ISSI	IS25WP016D	0x9D	7015h	0xD745	0xD741	16Mb	3,4
ISSI	IS25LP032D	0x9D	6016h	0xD745	0xD741	32Mb	3
ISSI	IS25WP032D	0x9D	7016h	0xD745	0xD741	32Mb	3,4
ISSI	IS25LP064A	0x9D	6017h	0xD745	0xD741	64Mb	3
ISSI	IC25LP064A	0x9D	6017h	0xD745	0xD741	64Mb	3
ISSI	IS25WP064	0x9D	7017h	0xD745	0xD741	64Mb	3,4
ISSI	IC25WP064	0x9D	7017h	0xD745	0xD741	64Mb	3,4
ISSI	IS25WP064A	0x9D	7017h	0xD745	0xD741	64Mb	3,4
ISSI	IC25WP064A	0x9D	7017h	0xD745	0xD741	64Mb	3,4
ISSI	IS25LP128	0x9D	6018h	0xD745	0xD741	128Mb	3
ISSI	IC25LP128	0x9D	6018h	0xD745	0xD741	128Mb	3
ISSI	IS25WP128	0x9D	7018h	0xD745	0xD741	128Mb	3,4
ISSI	IC25WP128	0x9D	7018h	0xD745	0xD741	128Mb	3,4

Vendor	Part Name	Vendor ID	Device ID	VSCC Value (64 Byte Write Granularity)	VSCC Value (1 Byte Write Granularity)	Size	Notes
ISSI	IS25LP256D	0x9D	6019h	0xD745	0xD741	256Mb	
ISSI	IC25LP256D	0x9D	6019h	0xD745	0xD741	256Mb	
ISSI	IS25WP256A	0x9D	7019h	0xD745	0xD741	256Mb	3,4
ISSI	IS25WP256D	0x9D	6019h	0xD745	0xD741	256Mb	4
ISSI	IC25WP256D	0x9D	6019h	0xD745	0xD741	256Mb	4
Gigadevice	GD25B16B	0xC8	4015h	0x2025	0x2021	16Mb	3
Gigadevice	GD25B32B	0xC8	4016h	0x2025	0x2021	32Mb	3
Gigadevice	GD25B64B	0xC8	4017h	0x2025	0x2021	64Mb	3
Gigadevice	GD25LQ64C	0xC8	6017h	0x2025	0x2021	64Mb	3,4
Gigadevice	GD25LB64C	0xC8	6017h	0x2025	0x2021	64Mb	3,4
Gigadevice	GD25R64B	0xC8	4017h	0x2025	0x2021	64Mb	3
Gigadevice	GD25R64C	0xC8	4017h	0x2025	0x2021	64Mb	3
Gigadevice	GD25B64C	0xC8	4017h	0x2025	0x2021	64Mb	3
Gigadevice	GD25B128C	0xC8	4018h	0x2025	0x2021	128Mb	3
Gigadevice	GD25R128C	0xC8	4018h	0x2025	0x2021	128Mb	3
Gigadevice	GD25B127D	0xC8	4018h	0x2025	0x2021	128Mb	3
Gigadevice	GD25LB128D	0xC8	6018h	0x2025	0x2021	128Mb	3,4
Gigadevice	GD25LB128C	0xC8	6018h	0x2025	0x2021	128Mb	3,4
Gigadevice	GD25B128C	0xC8	4018h	0x2025	0x2021	128Mb	3
Gigadevice	GD25B256C	0xC8	4019h	0x2025	0x2021	256Mb	3
Gigadevice	GD25LB256D	0xC8	6019h	0x2025	0x2021	256Mb	3,4
Gigadevice	GD25Q256C	0xC8	4019h	0x2025	0x2021	256Mb	
Gigadevice	GD25LQ256C	0xC8	6019h	0x2025	0x2021	256Mb	4
EON / ESMT	EN25S10A	0x1C	3811h	0x2005	0x2001	1Mb	3,4
EON / ESMT	EN25S20A	0x1C	3812h	0x2005	0x2001	2Mb	3,4
EON / ESMT	EN25Q40A	0x1C	3013h	0x2005	0x2001	4Mb	3
EON / ESMT	EN25S40A	0x1C	3813h	0x2005	0x2001	4Mb	3,4
EON / ESMT	EN25S80A	0x1C	3814h	0x2005	0x2001	8Mb	3,4
EON / ESMT	EN25QH80	0x1C	7014h	0x2005	0x2001	8Mb	3

Vendor	Part Name	Vendor ID	Device ID	VSCC Value (64 Byte Write Granularity)	VSCC Value (1 Byte Write Granularity)	Size	Notes
EON / ESMT	EN25Q80B	0x1C	3014h	0x2005	0x2001	8Mb	3
EON / ESMT	EN25QH16A	0x1C	7015h	0x2005	0x2001	16Mb	2,3
EON / ESMT	EN25QH16	0x1C	7015h	0x2005	0x2001	16Mb	3
EON / ESMT	EN25QH32A	0x1C	7016h	0x2005	0x2001	32Mb	2,3
EON / ESMT	EN25S32	0x1C	3816h	0x2005	0x2001	32Mb	3,4
EON / ESMT	EN25QH32	0x1C	7016h	0x2005	0x2001	32Mb	3
EON / ESMT	EN25QH64A	0x1C	7017h	0x2005	0x2001	64Mb	2,3
EON / ESMT	EN25QH64	0x1C	7017h	0x2005	0x2001	64Mb	3
EON / ESMT	EN25S64	0x1C	3817h	0x2005	0x2001	64Mb	3,4
EON / ESMT	EN25S64A	0x1C	3817h	0x2005	0x2001	64Mb	3,4
EON / ESMT	EN25QH128A	0x1C	7018h	0x2005	0x2001	128Mb	2,3
EON / ESMT	EN25QH128	0x1C	7018h	0x2005	0x2001	128Mb	3
EON / ESMT	EN25QH256	0x1C	7019h	0x2005	0x2001	256Mb	3
Adesto	AT25QL321	0x1F	4216h	0x2025	0x2021	32Mb	3,4
Adesto	AT25SL321	0x1F	4216h	0x2025	0x2021	32Mb	4
Adesto	AT25QF641	0x1F	3217h	0x2025	0x2021	64Mb	3
Adesto	AT25QL641	0x1F	4317h	0x2025	0x2021	64Mb	3,4
Adesto	AT25SF641	0x1F	3217h	0x2025	0x2021	64Mb	
Adesto	AT25SL641	0x1F	4317h	0x2025	0x2021	64Mb	4
Adesto	AT25QF128	0x1F	7018h	0x2005	0x2001	128Mb	3
Adesto	AT25QL128A	0x1F	4218h	0x2025	0x2021	128Mb	3,4
Adesto	AT25SF128	0x1F	7018h	0x2005	0x2001	128Mb	
Adesto	AT25SL128A	0x1F	4218h	0x2025	0x2021	128Mb	4

NOTES:

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