VSCCommn.bin Content

Application Note

September 2010

Revision 1.5

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Contents

Revision History

Document Number	Revision Number	Description	Revision Date
<XXXX>	<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 (cancelled by Winbond). 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, MX25L6406E Added GD25Q80, GD25Q16, GD25Q32, GD25Q32A, GD25Q64 Added N25Q032, N25Q064	6/17/2010
	<1.4>	Added EN25Q16	6/28/2010
	<1.5>	Added AMIC A25L032	9/20/2010

1 Introduction

1.1 Terminology

Term	Description
SPI	Serial Peripheral Interface
VSCC	Vendor-Specific Component Capabilities

1.2 Reference Documents

Document	Document No./Location
Intel® 5 Series Chipset and Intel® 3400 Series Chipset SPI Programming Guide	CDI / IBL #: 403598

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.

List of Serial Flash devices added to the vsccommn.bin file

Vendor	Part Name	Vendor ID	Device ID	VSCC value	VSCC value	VSCC value	VSCC value
Winbond	W25X80V	0xEFh	3014h	0x2005	0x2001		
Winbond	W25X16BV	0xEFh	3015h	0x2005	0x2001		
Winbond	W25X32BV	0xEFh	3016h	0x2005	0x2001		
Winbond	W25X64BV	0xEFh	3017h	0x2005	0x2001		
Winbond	W25X40V	0xEFh	3013h	0x2005	0x2001		
Winbond	W25Q40BV	0xEFh	4013h	0x2005	0x2001		
Winbond	W25Q80BV	0xEFh	4014h	0x2005	0x2001		
Winbond	W25Q16BV	0xEFh	4015h	0x2005	0x2001		
Winbond	W25Q32BV	0xEFh	4016h	0x2005	0x2001		
Winbond	W25Q64BV	0xEFh	4017h	0x2005	0x2001		
Winbond	W25Q128BV	0xEFh	4018h	0x2005	0x2001		
Macronix	MX25L8005	0xC2	2014h	0x2005	0x2001		
Macronix	MX25L1605A	0xC2	2015h	0x2005	0x2001		
Macronix	MX25L1605D	0xC2	2015h	0x2005	0x2001		
Macronix	MX25L1635D	0xC2	2415h	0x2005	0x2001		
Macronix	MX25L3205D	0xC2	2016h	0x2005	0x2001		
Macronix	MX25L3225D	0xC2	5E16h	0x2005	0x2001		
Macronix	MX25L3235D	0xC2	5E16h	0x2005	0x2001		
Macronix	MX25L6405D	0xC2	2017h	0x2005	0x2001		
Macronix	MX25L6445E	0xC2	2017h	0x2005	0x2001		
Macronix	MX25L6455E	0xC2	2617h	0x2005	0x2001		
Macronix	MX25L12805D	0xC2	2018h	0x2005	0x2001		
Macronix	MX25L12845E	0xC2	2018h	0x2005	0x2001		
Macronix	MX25L12855E	0xC2	2618h	0x2005	0x2001		
Macronix	MX25L3206E	0xC2	2016h	0x2005	0x2001		
Macronix	MX25L6436E	0xC2	2017h	0x2005	0x2001		
Macronix	MX25L12836E	0xC2	2018h	0x2005	0x2001		

Macronix	MX25L8006E	0xC2	2014h	0x2005	0x2001		
Macronix	MX25L8036E	0xC2	2014h	0x2005	0x2001		
Macronix	MX25L1606E	0xC2	2015h	0x2005	0x2001		
Macronix	MX25L1636E	0xC2	2015h	0x2005	0x2001		
Macronix	MX25L6406E	0xC2	2017h	0x2005	0x2001		
Numonyx	M25PE80	0x20	8014h	0x2005	0x2001		
Numonyx	M25PE16	0x20	8015h	0x2005	0x2001		
Numonyx	M25PX32	0x20	7116h	0x2005	0x2001		
Numonyx	M25PX64	0x20	7117h	0x2005	0x2001		
Numonyx	M25PE10	0x20	8011h	0x2005	0x2001		
Numonyx	M25PE20	0x20	8012h	0x2005	0x2001		
Numonyx	M25PE40	0x20	8013h	0x2005	0x2001		
Numonyx	M25PX80	0x20	7114h	0x2005	0x2001		
Numonyx	M25PX16	0x20	7115h	0x2005	0x2001		
Numonyx	N25Q128	0x20	BA18h	0x2005	0x2001		
Numonyx	N25Q032	0x20	BA16h	0x2005	0x2001		
Numonyx	N25Q064	0x20	BA17h	0x2005	0x2001		
Atmel	AT26DF081	0x1F	4500h	0x2015	0x201D	0x2019	0x2011
Atmel	AT26DF081A	0x1F	4501h	0x2015	0x201D	0x2019	0x2011
Atmel	AT25DF081	0x1F	4502h	0x2015	0x201D	0x2019	0x2011
Atmel	AT26DF161	0x1F	4600h	0x2015	0x201D	0x2019	0x2011
Atmel	AT26DF161A	0x1F	4601h	0x2015	0x201D	0x2019	0x2011
Atmel	AT25DF161	0x1F	4602h	0x2015	0x201D	0x2019	0x2011
Atmel	AT26DF321	0x1F	4700h	0x2015	0x201D	0x2019	0x2011
Atmel	AT25DF321	0x1F	4700h	0x2015	0x201D	0x2019	0x2011
Atmel	AT25DF321A	0x1F	4701h	0x2015	0x201D	0x2019	0x2011
Atmel	AT25DF641	0x1F	4800h	0x2015	0x201D	0x2019	0x2011
Atmel	AT25DF641A	0x1F	4800h	0x2015	0x201D	0x2019	0x2011
SST	SST 25VF016B	0xBF	2541h	0x2009	0x2005		
SST	SST 25VF032B	0xBF	254Ah	0x2009	0x2005		
SST	SST 25VF040B	0xBF	258Dh	0x2009	0x2005		
SST	SST 25VF080B	0xBF	258Eh	0x2009	0x2005		
SST	SST 25VF064C	0xBF	254Bh	0x200D	0x2009		
Chingis	PM25LV080B	0x9D	7F13h	0xD705	0xD701		
Chingis	PM25LV016B	0x9D	7F14h	0xD705	0xD701		
EON	EN25F80	0x1C	3114h	0x2005	0x2001		
EON	EN25F16	0x1C	3115h	0x2005	0x2001		
EON	EN25F32	0x1C	3116h	0x2005	0x2001		

EON	EN25Q32A	0x1C	3016h	0x2005	0x2001		
EON	EN25Q64	0x1C	3017h	0x2005	0x2001		
EON	EN25Q128	0x1C	3018h	0x2005	0x2001		
EON	EN25Q16	0x1C	3015h	0x2005	0x2001		
AMIC	A25L016	0x37	3015h	0x2005	0x2001		
AMIC	A25L032	0x37	3016h	0x2005	0x2001		
Gigadevice	GD25Q80	0xC8	4014h	0x2005	0x2001		
Gigadevice	GD25Q16	0xC8	4015h	0x2005	0x2001		
Gigadevice	GD25Q32	0xC8	4016h	0x2005	0x2001		
Gigadevice	GD25Q32A	0xC8	5016h	0x2005	0x2001		
Gigadevice	GD25Q64	0xC8	4017h	0x2005	0x2001		