



# Micron® Software Device Drivers

Compatibility Guide for Micron Software Device Drivers Available on [micron.com](http://micron.com)†

MICRON SOFTWARE DEVICE DRIVER COMPATIBILITY								
Driver	Supported Devices	Density	Lithography	NAND/NOR/PCM	Serial/Parallel	Driver Version	Last Modified	Size
<b>1-Bit Software ECC</b>	NAND	N/A	N/A	NAND	Parallel	1.4	12/21/2009	4KB
<b>C3 (8Mb - 32Mb)</b>	C3	8Mb - 32Mb	130nm	NOR	Parallel	1	4/5/2005	32KB
<b>K3 (64Mb, 128Mb)</b>	K3	64Mb, 128Mb	180nm	NOR	Parallel	1	4/5/2005	22KB
<b>L18 (128Mb, 256Mb) &amp; L30 (64Mb, 128Mb)</b>	L18	128Mb, 256Mb	65nm	NOR	Parallel	1	4/5/2005	23KB
	L30	64Mb - 128Mb	130nm					
<b>Large Page SLC (1Gb, 4Gb)</b>	NAND01G	1Gb	48nm, 70nm	NAND	Parallel	1.6	7/10/2011	17KB
	NAND04G	4Gb	57nm					
<b>M18 (128Mb, 1Gb)</b>	M18	128Mb, 1Gb	65nm, 45nm	NOR	Parallel	1	4/13/2006	29KB
<b>M25P (512Kb - 64Mb)</b>	M25P05A	512Kb	110nm, 150nm	NOR	Serial	2	7/20/2005	19KB
	M25P10A	1Mb	110nm, 150nm					
	M25P20	2Mb	110nm, 150nm					
	M25P40	4Mb	110nm, 150nm					
	M25P80	8Mb	110nm, 150nm					
	M25P16	16Mb	110nm, 150nm					
	M25P32	32Mb	110nm, 150nm					
	M25P64	64Mb	110nm, 150nm					
<b>M25PE (1Mb - 8Mb)</b>	M25PE10	1Mb	110nm	NOR	Serial	1.1	10/17/2005	17KB
	M25PE20	2Mb	110nm					
	M25PE40	4Mb	110nm					
	M25PE80	8Mb	110nm					

†Additional drivers are available for security-enabled Micron Flash memory devices. Contact your Micron representative to obtain a driver for a security-enabled device.

# Product Matrix

Micron Software Device Drivers

Driver	Supported Devices	Density	Lithography	NAND/NOR/PCM	Serial/Parallel	Driver Version	Last Modified	Size
<b>M25PX (32Mb)</b>	M25PX32	32Mb	110nm	NOR	Serial	1	11/23/2007	20KB
<b>M28W E/EC (16Mb)</b>	M28W160E	16Mb	110nm	NOR	Parallel	1	1/9/2006	19KB
	M28W160EC	16Mb	110nm					
<b>M28W EC/FC (32Mb, 64Mb)</b>	M28W320EC	32Mb	110nm	NOR	Parallel	2	5/12/2011	24KB
	M28W320FC	32Mb	110nm					
	M28W640EC	64Mb	90nm					
	M28W640FC	64Mb	90nm					
<b>M29AW (512Mb)</b>	M29AW	512Mb	65nm	NOR	Parallel	1.1	5/20/2010	28KB
<b>M29DW D (32Mb)</b>	M29DW323D	32Mb	110nm	NOR	Parallel	1.3	3/5/2003	26KB
<b>M29DW F (128Mb)</b>	M29DW128F	128Mb	90nm	NOR	Parallel	1	5/10/2006	33KB
<b>M29DW F (64Mb)</b>	M29DW640F	64Mb	110nm	NOR	Parallel	1	5/10/2006	25KB
<b>M29DW F (64Mb)</b>	M29DW641F	64Mb	110nm	NOR	Parallel	1	5/10/2006	35KB
<b>M29EW (128Mb - 1Gb)</b>	M29EW128	128Mb	65nm	NOR	Parallel	1.1	7/7/2010	29KB
	M29EW256	256Mb	65nm					
	M29EW512	512Mb	65nm					
	M29EW00A	1Gb	65nm					
	M29EW00B	2Gb	65nm					
<b>M29F (2Mb - 16Mb)</b>	M29F200FB	2Mb	110nm	NOR	Parallel	1	10/8/2009	228KB
	M29F200FB	2Mb	110nm					
	M29F200FT	4Mb	110nm					
	M29F400FB	4Mb	110nm					
	M29F400FT	4Mb	110nm					
	M29F800FB	8Mb	110nm					
	M29F800FT	8Mb	110nm					
	M29F160FB	16Mb	110nm					
	M29F160FT	16Mb	110nm					

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## Micron Software Device Drivers

Driver	Supported Devices	Density	Lithography	NAND/NOR/PCM	Serial/Parallel	Driver Version	Last Modified	Size
<b>M29W D (32Mb)</b>	M29W320D	32Mb	110nm	NOR	Parallel	1	10/26/2001	23KB
<b>M29W D (4Mb)</b>	M29W400D	4Mb	110nm	NOR	Parallel	1	7/3/2003	20KB
<b>M29W D (8Mb)</b>	M29W800D	8Mb	110nm	NOR	Parallel	1.2	5/27/2003	21KB
<b>M29W E (16Mb)</b>	M29W160E	16Mb	110nm	NOR	Parallel	1.3	7/13/2009	22KB
<b>M29W E (32Mb)</b>	M29W320E	32Mb	110nm	NOR	Parallel	1	6/16/2006	25KB
<b>M29W F (128Mb)</b>	M29W128F	128Mb	90nm	NOR	Parallel	1	5/10/2006	29KB
<b>M29W F (64Mb)</b>	M29W640F	64Mb	110nm	NOR	Parallel	1	5/9/2006	27KB
<b>M29W G (128Mb)</b>	M29W128G	128Mb	90nm	NOR	Parallel	1	1/28/2008	31KB
<b>M29W G (64Mb)</b>	M29W640G	64Mb	110nm	NOR	Parallel	1	7/28/2006	27KB
<b>M29W G (64Mb)</b>	M29W640G	64Mb	110nm	NOR	Parallel	1	7/28/2006	29KB
<b>M29W G/GS (256Mb)</b>	M29W256G	256Mb	65nm	NOR	Parallel	1	8/6/2009	32KB
	M29W256GS	256Mb	65nm					
<b>M45PE (1Mb - 8Mb)</b>	M45PE10	1Mb	110nm	NOR	Serial	1	11/8/2004	17KB
	M45PE20	2Mb	110nm					
	M45PE40	4Mb	110nm					
	M45PE80	8Mb	110nm					
<b>M58BW BB/BDB (32Mb)</b>	M58BW032BB	32Mb	110nm	NOR	Parallel	1	1/11/2005	6KB
	M58BW032BDB	32Mb	110nm					
<b>M68A/69A/60A (1Gb - 4Gb)</b>	M68A/69A/60A	1Gb, 2Gb, 4Gb	34nm	NAND	Serial	1	12/28/2011	16KB
<b>N25Q (128Mb, 256Mb, 512Mb)</b>	N25Q	128Mb	65nm	NOR	Serial	1.3	2/16/2012	15KB
	N25Q	256Mb	65nm					
	N25Q	512Mb	65nm					
<b>P5Q (128Mb)</b>	P5Q	128Mb	90nm	PCM	Serial	1	12/3/2010	18KB
<b>P8P (128Mb)</b>	P8P	128Mb	90nm	PCM	Parallel	1	2/10/2010	21K
<b>S33 (16Mb - 64Mb)</b>	S33	16Mb, 32Mb, 64Mb	130nm	NOR	Serial	1	5/8/2006	17KB

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Driver	Supported Devices	Density	Lithography	NAND/NOR/PCM	Serial/Parallel	Driver Version	Last Modified	Size
<b>Small Page SLC (128Mb - 1Gb)</b>	NAND128-A	128Mb	90nm	NAND	Parallel	1.5	11/24/2009	10KB
	NAND256-A	256Mb	90nm					
	NAND512xxA2D	512Mb	57nm					
	NAND512A2C	512Mb	70nm					
	NAND01GxxA2C	1Gb	57nm					
	NAND01GWxA2B-KGB	1Gb	70nm					
<b>Very Large Page SLC (8Gb)</b>	NANDxxGW3F2A	8Gb	48nm	NAND	Parallel	0.1	3/9/2010	10KB
<b>W18 &amp; W30 (16Mb - 64Mb)</b>	W18	16Mb, 32Mb, 64Mb	90nm (32Mb/64Mb Pb-free only), 130nm	NOR	Parallel	1	4/5/2005	22KB
	W30	16Mb, 32Mb	130nm					
	W30	64Mb	130nm					
<b>NAND Flash Low-Level Drivers for x8 Devices</b>	Any 5-address-cycle-addressable 2KB-page part (no ECC support)			NAND	Parallel	4	6/12/2006	11KB
<b>NAND Flash Low-Level Drivers for x16 Devices</b>	Any 5-address-cycle-addressable 2KB-page part (no ECC support)			NAND	Parallel	3	6/13/2006	11KB
<b>NAND Flash Low-Level Drivers for x8/x16 Devices</b>	MT29F1G08ABADA	1Gb	34nm	NAND	Parallel	1.6	10/12/2011	17KB

## Product Matrix

### Micron Software Device Drivers

Driver	Platform	Operating System	Supported Device	NAND/NOR/PCM	Driver Version	Last Modified	Size
<a href="#">BeagleBoard SPI NAND MTD for Linux 2.6.33</a>	BeagleBoard	Linux 2.6.33	M58	SPI NAND	1	5/7/2010	10KB
<a href="#">Zoom3 SLC NAND LLD for Google® Android™ 2.1/Kernel 2.6.29</a>	Zoom3	Android 2.1	M60	SLC NAND	1	1/1/2011	40KB
	Zoom3	Kernel 2.6.29					
<a href="#">Zoom3 SLC NAND/e-MMC™ Driver for Android 2.1/Kernel 2.6.29</a>	Zoom3	Android 2.1	Driver is not chip dependent	SLC NAND	1	1/6/2011	41KB
	Zoom3	Kernel 2.6.29					
<a href="#">Zoom2 SLC NAND MTD for Android 1.6/Kernel 2.6.29</a>	Zoom2	Android 2.1	M50	SLC NAND	1.1	5/16/2010	41KB
	Zoom2	Kernel 2.6.29					
<a href="#">Qualcomm MSM7627 NANDcode FTL for Android 1.6/Kernel 2.6.29</a>	Qualcomm MSM7627	Android 2.1	M50	SLC NAND	1	7/1/2010	42KB
	Qualcomm MSM7627	Kernel 2.6.29					
<a href="#">OMAP 3430SDP NANDcode™ FTL for Windows® Mobile® 6.5</a>	OMAP 3430SDP	Windows Mobile 6.5	M60	SLC NAND	1.1	7/16/2010	191KB
<a href="#">Zoom3 NANDcode FTL for Android 2.1/Kernel 2.6.29</a>	Zoom3	Android 2.1	M60	SLC NAND	1	8/11/2010	524KB
	Zoom3	Kernel 2.6.29					

††NANDcode software drivers require a service level agreement (SLA).

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