



Micron® Software Device Drivers

Compatibility Guide for Micron Software Device Drivers Available on micron.com

MICRON SOFTWARE DEVICE DRIVER COMPATIBILITY							
Driver	Supported Devices	Density	Lithography	Product Family	Serial/Parallel	Driver Version	Last Modified
1-bit software ECC	NAND	N/A	N/A	NAND	Parallel	1.4	12/21/2009
C3 (8Mb–32Mb)	C3	8Mb–32Mb	130nm	NOR	Parallel	1.0	04/05/2005
G18 (256Mb–1Gb)	MT28GU256	256Mb	65nm	NOR	Parallel	1.0	04/13/2012
	MT28GU512	512Mb	65nm				
	MT28GU01G	1Gb	65nm				
M18 (128Mb, 1Gb)	M18	128Mb, 1Gb	65nm	NOR	Parallel	1.0	04/13/2012
J3F	PC28F320J3F75	32Mb	65nm	NOR	Parallel	1.0	12/20/2012
	PC28F640J3F75	64Mb					
	PC28F256J3F95	256Mb					
K3 (64Mb, 128Mb)	K3	64Mb, 128Mb	180nm	NOR	Parallel	1.0	04/05/2005
L18 (128Mb, 256Mb) & L30 (64Mb, 128Mb)	L18	128Mb, 256Mb	65nm	NOR	Parallel	1.0	04/05/2005
	L30	64Mb–128Mb	130nm				
Large-page SLC (1Gb, 4Gb) LLD for legacy Numonyx SLC NAND devices	NAND01G	1Gb	48nm, 70nm	NAND	Parallel	1.6	07/10/2011
	NAND04G	4Gb	57nm				
M25PE (1Mb–8Mb)	M25PE10	1Mb	110nm	NOR	Serial	1.1	10/17/2005
	M25PE20	2Mb	110nm				
	M25PE40	4Mb	110nm				
	M25PE80	8Mb	110nm				

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Driver	Supported Devices	Density	Lithography	Product Family	Serial/Parallel	Driver Version	Last Modified
M25P (512Kb–64Mb)	M25P05A	512Kb	110nm, 150nm	NOR	Serial	2.0	07/20/2005
	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				
M25PX (32Mb)	M25PX32	32Mb	110nm	NOR	Serial	1.0	11/23/2007
M25PX (64Mb)	M25PX64	64Mb	110nm	NOR	Serial	1.0	01/28/2013
M28W E/EC (16Mb)	M28W160E	16Mb	110nm	NOR	Parallel	1.0	01/09/2006
	M28W160EC	16Mb	110nm				
M28W EC/FC (32Mb, 64Mb)	M28W320EC	32Mb	110nm	NOR	Parallel	2.0	05/12/2011
	M28W320FC	32Mb	110nm				
	M28W640EC	64Mb	90nm				
	M28W640FC	64Mb	90nm				
M29AW (512Mb)	M29AW	512Mb	65nm	NOR	Parallel	1.1	05/20/2010
M29DW (256Mb)	M29DW256	256Mb	65nm	NOR	Parallel	1.0	01/07/2013
M29DW D (32Mb)	M29DW323D	32Mb	110nm	NOR	Parallel	1.3	03/05/2003
M29DW F (128Mb)	M29DW128F	128Mb	90nm	NOR	Parallel	1.0	05/10/2006
M29DW F (64Mb)	M29DW640F	64Mb	110nm	NOR	Parallel	1.0	05/10/2006
M29DW F (64Mb)	M29DW641F	64Mb	110nm	NOR	Parallel	1.0	05/10/2006

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Driver	Supported Devices	Density	Lithography	Product Family	Serial/Parallel	Driver Version	Last Modified
M29EW (128Mb–2Gb)	M29EW128	128Mb	65nm	NOR	Parallel	1.1	07/07/2010
	M29EW256	256Mb	65nm				
	M29EW512	512Mb	65nm				
	M29EW00A	1Gb	65nm				
	M29EW00B	2Gb	65nm				
M29F (2Mb–16Mb)	M29F200FB	2Mb	110nm	NOR	Parallel	1.0	10/08/2009
	M29F200FB	2Mb	110nm				
	M29F200FT	4Mb	110nm				
	M29F400FB	4Mb	110nm				
	M29F400FT	4Mb	110nm				
	M29F800FB	8Mb	110nm				
	M29F800FT	8Mb	110nm				
	M29F160FB	16Mb	110nm				
	M29F160FT	16Mb	110nm				
M29W D (32Mb)	M29W320D	32Mb	110nm	NOR	Parallel	1.0	10/26/2001
M29W D (4Mb)	M29W400D	4Mb	110nm	NOR	Parallel	1.0	07/03/2003
M29W D (8Mb)	M29W800D	8Mb	110nm	NOR	Parallel	1.2	05/27/2003
M29W E (16Mb)	M29W160E	16Mb	110nm	NOR	Parallel	1.3	07/13/2009
M29W E (32Mb)	M29W320E	32Mb	110nm	NOR	Parallel	1.0	06/16/2006
M29W F (128Mb)	M29W128F	128Mb	90nm	NOR	Parallel	1.0	05/10/2006
M29W F (64Mb)	M29W640F	64Mb	110nm	NOR	Parallel	1.0	05/09/2006
M29W G (128Mb)	M29W128G	128Mb	90nm	NOR	Parallel	1.0	01/28/2008
M29W G (64Mb)	M29W640G	64Mb	110nm	NOR	Parallel	1.0	07/28/2006
M29W G (64Mb)	M29W640G	64Mb	110nm	NOR	Parallel	1.0	07/28/2006
M29W G/GS (256Mb)	M29W256G	256Mb	65nm	NOR	Parallel	1.0	08/06/2009
	M29W256GS	256Mb	65nm				

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Driver	Supported Devices	Density	Lithography	Product Family	Serial/Parallel	Driver Version	Last Modified
M45PE (1Mb–8Mb)	M45PE10	1Mb	110nm	NOR	Serial	1.0	11/08/2004
	M45PE20	2Mb	110nm				
	M45PE40	4Mb	110nm				
	M45PE80	8Mb	110nm				
M58BW 8B/BDB (32Mb)	M58BW032BB	32Mb	110nm	NOR	Parallel	1.0	01/11/2005
	M58BW032BDB	32Mb	110nm				
M58W (64Mb)	M58WR064KU	64Mb	65nm	NOR	Parallel	1.0	12/20/2012
	M58WR064KL	64Mb	65nm				
M68A/69A/60A (1Gb–4Gb)	M68A/69A/60A	1Gb, 2Gb, 4Gb	34nm	NAND	Serial	1.0	12/28/2011
MT29F NAND General low-level driver for Micron ONFI-compliant SLC and MLC NAND	M60A, M61A, M62B, M68A, M68M, M70M, M71M, M72A, M73A, M79M	1Gb-32Gb	65nm	NAND	–	1.1	04/05/2013
MT25Q (512Mb)	MT25QL512	512Mb	45nm	NOR	Serial	1.2	08/27/2013
	MT25QU512	512Mb	45nm				
NAND Flash low-level drivers for x8 devices	Any 5-address-cycle-addressable 2KB-page part (no ECC support)			NAND	Parallel	4.0	06/12/2006
NAND Flash low-level drivers for x16 devices	Any 5-address-cycle-addressable 2KB-page part (no ECC support)			NAND	Parallel	3.0	06/13/2006
N25Q (16Mb–1Gb)	N25Q	16Mb	65nm	NOR	Serial	1.6	08/27/2013
	N25Q	32Mb	65nm				
	N25Q	64Mb	65nm				
	N25Q	128Mb	65nm				
	N25Q	256Mb	65nm				
	N25Q	512Mb	65nm				
	N25Q	1Gb	65nm				
S33 (16Mb–64Mb)	S33	16Mb, 32Mb, 64Mb	130nm	NOR	Serial	1.0	05/08/2006

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Driver	Supported Devices	Density	Lithography	Product Family	Serial/Parallel	Driver Version	Last Modified
Small-page SLC (128Mb–1Gb) LLD for legacy Numonyx SLC NAND devices	NAND128-A	128Mb	90nm	NAND	Parallel	1.5	11/24/2009
	NAND256-A	256Mb	90nm				
	NAND512xxA2D	512Mb	57nm				
	NAND512A2C	512Mb	70nm				
	NAND01GxxA2C	1Gb	57nm				
	NAND01GWxA2B-KGB	1Gb	70nm				
Very large-page SLC (8Gb) LLD for legacy Numonyx SLC NAND devices	NANDxxGW3F2A	8Gb	48nm	NAND	Parallel	0.1	03/09/2010
W18 & W30 (16Mb–64Mb)	W18	16Mb, 32Mb, 64Mb	90nm (32Mb/64Mb Pb-free only), 130nm	NOR	Parallel	1.0	04/05/2005
	W30	16Mb, 32Mb	130nm				
	W30	64Mb	130nm				

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Driver	Platform	Operating System	Supported Device	Product Family	Driver Version	Last Modified
BeagleBoard SPI NAND MTD for Linux 2.6.33	BeagleBoard	Linux 2.6.33	M58	SPI NAND	1.0	06/24/2011
Zoom3 SLC NAND LLD for Google® Android™ 2.1/Kernel 2.6.29	Zoom3	Android 2.1	M60	SLC NAND	1.0	01/01/2011
	Zoom3	Kernel 2.6.29				
Zoom3 SLC NAND/e-MMC driver for Android 2.1/Kernel 2.6.29	Zoom3	Android 2.1	Driver is not chip-dependent	SLC NAND	1.0	01/06/2011
	Zoom3	Kernel 2.6.29				
Zoom2 SLC NAND MTD for Android 1.6/Kernel 2.6.29	Zoom2	Android 2.1	M50	SLC NAND	1.1	05/16/2010
	Zoom2	Kernel 2.6.29				
Qualcomm MSM7627 NANDcode™ FTL†† for Android 1.6/Kernel 2.6.29	Qualcomm MSM7627	Android 2.1	M50	SLC NAND	1.0	07/01/2010
	Qualcomm MSM7627	Kernel 2.6.29				
OMAP 3430SDP NANDcode FTL for Windows® Mobile® 6.5	OMAP 3430SDP	Windows Mobile 6.5	M60	SLC NAND	1.1	07/16/2010
Zoom3 NANDcode FTL for Android 2.1/Kernel 2.6.29	Zoom3	Android 2.1	M60	SLC NAND	1.0	08/11/2010
	Zoom3	Kernel 2.6.29				

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

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