

Ideologic Flash Programmer Software

Supported Devices and Configurations

January 28, 2000 - Ver. 1.15

Supported Flash Memory Devices

Manuf	Part #	Size	Bus Width	Sector Size	Algorithm ID	Vpp	8-bit Modes	16-bit Modes	32-bit Modes
AMD	AM29F010	1 Meg	8	4000H	AMD Sector Erase	5 V	1x8	2x8	4x8
AMD	AM29F020	2 Meg	8	8000H	AMD Sector Erase	5 V	1x8	2x8	4x8
AMD	AM29F040	4 Meg	8	8000H	AMD Sector Erase	5 V	1x8	2x8	4x8
AMD	AM29F080	8 Meg	8	10000H	AMD Sector Erase	5 V	1x8	2x8	4x8
AMD	AM29F016	16 Meg	8	10000H	AMD Sector Erase	5 V	1x8	2x8	4x8
AMD	29F002T/B	2 Meg	8	map	AMD Sector Erase	5 V	1x8	2x8	4x8
AMD	29F004T/B	4 Meg	8	map	AMD Sector Erase	5 V	1x8	2x8	4x8
AMD	29LV001T/B	1 Meg	8	map	AMD Sector Erase	2.7-3.6V	1x8	2x8	4x8
AMD	29LV002T/B	2 Meg	8	map	AMD Sector Erase	2.7-3.6V	1x8	2x8	4x8
AMD	29LV004T/B	4 Meg	8	map	AMD Sector Erase	2.7-3.6V	1x8	2x8	4x8
AMD	29LV008T/B	8 Meg	8	map	AMD Sector Erase	2.7-3.6V	1x8	2x8	4x8
AMD	AM29F100T/B	1 Meg	8/16	map	AMD Sector Erase	5 V	1x8	2x8, 1x16	4x8, 2x16
AMD	AM29F200T/B	2 Meg	8/16	map	AMD Sector Erase	5 V	1x8	2x8, 1x16	4x8, 2x16
AMD	AM29F400T/B	4 Meg	8/16	map	AMD Sector Erase	5 V	1x8	2x8, 1x16	4x8, 2x16
AMD	AM29F800T/B	8 Meg	8/16	map	AMD Sector Erase	5 V	1x8	2x8, 1x16	4x8, 2x16
AMD	AM29LV400T/B	4 Meg	8/16	map	AMD Sector Erase	2.7-3.6V	1x8	2x8, 1x16	4x8, 2x16
AMD	AM29LV800T/B	8 Meg	8/16	map	AMD Sector Erase	2.7-3.6V	1x8	2x8, 1x16	4x8, 2x16
AMD	AM29LV160T/B	16 Meg	8/16	map	AMD Sector Erase	2.7-3.6V	1x8	2x8, 1x16	4x8, 2x16
AMD	AM28F010A	1 Meg	8	none	AMD Embedded Algor	12 V	1x8	2x8	
AMD	AM28F020A	2 Meg	8	none	AMD Embedded Algor	12 V	1x8	2x8	
AMD	AM28F256	256K	8	none	AMD Bulk Erase	12 V	1x8	2x8	
AMD	AM28F512	512K	8	none	AMD Bulk Erase	12 V	1x8	2x8	
AMD	AM28F010	1 Meg	8	none	AMD Bulk Erase	12 V	1x8	2x8	
AMD	AM28F020	2 Meg	8	none	AMD Bulk Erase	12 V	1x8	2x8	

Atmel	AT29BV256	256K	8	40H	Atmel Page Pgm	2.7-3.6 V	1x8	2x8	
Atmel	AT29BV512	512K	8	80H	Atmel Sector Pgm	2.7-3.6 V	1x8	2x8	4x8
Atmel	AT29BV010A	1 Meg	8	80H	Atmel Sector Pgm	2.7-3.6 V	1x8	2x8	4x8
Atmel	AT29BV020	2 Meg	8	100H	Atmel Sector Pgm	2.7-3.6 V	1x8	2x8	4x8
Atmel	AT29BV040A	4 Meg	8	200H	Atmel Sector Pgm	2.7-3.6 V	1x8	2x8	4x8
Atmel	AT29BV1024	1 Meg	16	100H	Atmel Sector Pgm	2.7-3.6 V	n/a	1x16	
Atmel	AT29C256	256K	8	40H	Atmel Page Pgm	5 V	1x8	2x8	
Atmel	AT29C257	256K	8	40H	Atmel Page Pgm	5 V	1x8	2x8	
Atmel	AT29C512	512K	8	80H	Atmel Sector Pgm	5 V	1x8	2x8	4x8
Atmel	AT29C010A	1 Meg	8	80H	Atmel Sector Pgm	5 V	1x8	2x8	4x8
Atmel	AT29C020	2 Meg	8	100H	Atmel Sector Pgm	5 V	1x8	2x8	4x8
Atmel	AT29C040A	4 Meg	8	100H	Atmel Sector Pgm	5 V	1x8	2x8	4x8
Atmel	AT29C1024	1 Meg	16	100H	Atmel Sector Pgm	5 V	n/a	1x16	
Atmel	AT29LV256	256K	8	40H	Atmel Page Pgm	3.0-3.6 V	1x8	2x8	
Atmel	AT29LV512	512K	8	80H	Atmel Page Pgm	3.0-3.6 V	1x8	2x8	4x8
Atmel	AT29LV010A	1 Meg	8	80H	Atmel Sector Pgm	3.0-3.6 V	1x8	2x8	4x8
Atmel	AT29LV020	2 Meg	8	100H	Atmel Sector Pgm	3.0-3.6 V	1x8	2x8	4x8
Atmel	AT29LV040A	4 Meg	8	200H	Atmel Sector Pgm	3.0-3.6 V	1x8	2x8	4x8
Atmel	AT29LV1024	1 Meg	16	100H	Atmel Sector Pgm	3.0-3.6 V	n/a	1x16	
Atmel	AT49F1604/1614	16 Meg	8/16	map	Atmel Sector Pgm	5 V		1x16	

Intel	28F008SA	8 Meg	8/16	10000H	Intel Flash File	5 V	1x8	1x16	
Intel	28F016SA	16 Meg	8/16	10000H	Intel Flash File	5 V	1x8	1x16	
Intel	28F160S3/S5	16 Meg	8/16	10000H	Intel Flash File	3/5 V	1x8	1x16	
Intel	28F320S3/S5	32 Meg	8/16	10000H	Intel Flash File	3/5 V	1x8	1x16	
Intel	28F320J5	32 Meg	8/16	200000H	StrataFlash	5 V	1x8	1x16	
Intel	28F640J5	64 Meg	8/16	200000H	StrataFlash	5 V	1x8	1x16	

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Supported Flash Memory Devices (continued)

Manuf	Part #	Size	Bus Width	Sector Size	Algorithm ID	Vpp	8-bit Modes	16-bit Modes	32-bit Modes
Intel	28F002BV/BE	2 Meg	8	map	Intel Boot Block	5/12 V	1x8	2x8	
Intel	28F004BV/BE	4 Meg	8	map	Intel Boot Block	5/12 V	1x8	2x8	
Intel	28F008BV/BE	8 Meg	8	map	Intel Boot Block	5/12 V	1x8	2x8	
Intel	28F200BV/CV/CE	2 Meg	8/16	map	Intel Boot Block	5/12 V	1x8	1x16	
Intel	28F400BV/CV/CE	4 Meg	8/16	map	Intel Boot Block	5/12 V	1x8	2x8, 1x16	4x8, 2x16
Intel	28F800BV/CV/CE	8 Meg	8/16	map	Intel Boot Block	5/12 V	1x8	2x8, 1x16	4x8, 2x16
Intel	28F400B3/C3	4 Meg	16	map	Advanced Boot Block	2.7-3.6/12V	n/a	1x16	2x16
Intel	28F800B3/C3	8 Meg	16	map	Advanced Boot Block	2.7-3.6/12V	n/a	1x16	2x16
Intel	28F160B3/C3	16 Meg	16	map	Advanced Boot Block	2.7-3.6/12V	n/a	1x16	2x16
Intel	28F256	256K	8	none	Intel Bulk Erase	12 V	1x8	2x8	
Intel	28F512	512K	8	none	Intel Bulk Erase	12 V	1x8	2x8	
Intel	28F010	1 Meg	8	none	Intel Bulk Erase	12 V	1x8	2x8	
Intel	28F020	2 Meg	8	none	Intel Bulk Erase	12 V	1x8	2x8	

Fujitsu	MBM29F040A	4 Meg	8	10000H	Sector Erase	5 V	1x8	2x8	4x8
Fujitsu	MBM29F080	8 Meg	8	10000H	Sector Erase	5 V	1x8	2x8	4x8
Fujitsu	MBM29F016	16 Meg	8	10000H	Sector Erase	5 V	1x8	2x8	4x8
Fujitsu	MBM29F200TA/BA	2 Meg	8/16	map	Sector Erase	5 V	1x8	2x8, 1x16	4x8, 2x16
Fujitsu	MBM29F400TA/BA	4 Meg	8/16	map	Sector Erase	5 V	1x8	2x8, 1x16	4x8, 2x16
Fujitsu	MBM29F800T/B	8 Meg	8/16	map	Sector Erase	5 V	1x8	2x8, 1x16	4x8, 2x16
Fujitsu	MBM29LV400T/B	4 Meg	8/16	map	Sector Erase	3 V	1x8	2x8, 1x16	4x8, 2x16
Fujitsu	MBM29LV800T/B	8 Meg	8/16	map	Sector Erase	3 V	1x8	2x8, 1x16	4x8, 2x16

SGS	M29F100	1Meg	8/16	map	Sector Erase	5 V	1x8	2x8, 1x16	4x8, 2x16
SGS	M29F200	2 Meg	8/16	map	Sector Erase	5 V	1x8	2x8, 1x16	4x8, 2x16
SGS	M29F400	4 Meg	8/16	map	Sector Erase	5 V	1x8	2x8, 1x16	4x8, 2x16
SGS	M29F800	8 Meg	8/16	map	Sector Erase	5 V	1x8	2x8, 1x16	4x8, 2x16

Sharp	LH28F800SG-L/SGH-L	8 Meg	16	10000H	Sector Erase	2.7-5,12V		1x16	
Sharp	LH28F800BVE-TTL/BTL	8 Meg	8/16	map	Sector Erase	2.7-3.6/12V	1x8	2x8,1x16	4x8,2x16
Sharp	LH28F800BVHE-TTL/BTL	8 Meg	8/16	map	Sector Erase	2.7-3.6/12V	1x8	2x8,1x16	4x8,2x16
Sharp	LH28F800BVE-TV/BV	8 Meg	8/16	map	Sector Erase	2.7-3.6/12V	1x8	2x8,1x16	4x8,2x16
Sharp	LH28F160BVE-TTL/BTL	16 Meg	8/16	map	Sector Erase	2.7-3.6/12V		1x16	2x16
Sharp	LH28F160BVHE-TTL/BTL	16 Meg	8/16	map	Sector Erase	2.7-3.6/12V		1x16	2x16
Sharp	LH28F160BVE-TV/BV	16 Meg	8/16	map	Sector Erase	2.7-3.6/12V		1x16	2x16

 = Device configuration not supported as of 28-Jan-2000 *

Supported Microcontrollers

Motorola	MC68HC16Y1**
Motorola	MC68HC16Z1**
Motorola	MC68331
Motorola	MC68332
Motorola	MC68F333
Motorola	MC68334
Motorola	MC68336
Motorola	MC68340
Motorola	MC68341
Motorola	MC68349
Motorola	MC68360
Motorola	MC68376
Motorola	MCF5206***

NOTES:

* New devices and configurations are being added regularly.
Contact IdeoLogic for up-to-date support information.

** Flash Memory Device support limited for 68HC16.
Contact IdeoLogic for up-to-date support information.

*** Flash Memory Device support limited for MCF5206.
Contact IdeoLogic for up-to-date support information.