

## EPROM Cross Reference Guide

Competitor								Winbond	
Density (bits)	Org. (bits)	Company	Part No.	Voltage	Speed (ns)	Description	Package Type	Part No.*	Note
512K	64K*8	Atmel	AT27C512R-70-PC	12V/ 5V	70	OTP	PDIP	W27E512-70	100% drop-in replacement; Program/Erase requires external programmer support
			AT27C512R-70-JC	12V/5V	70	OTP	PLCC	W27E512P-70	100% drop-in replacement; Program/Erase requires external programmer support
		ST Micro	M27C512-70-BST	12V/5V	70	OTP	PDIP	W27E512-70	100% drop-in replacement; Program/Erase requires external programmer support
			M27C512-70-CST	12V/5V	70	OTP	PLCC	W27E512P-70	100% drop-in replacement; Program/Erase requires external programmer support
		SST	SST27SF512-70-3C-PG	12V/5V	70	MTP	PDIP	W27E512-70	100% drop-in replacement; Program/Erase requires external programmer support
			SST27SF512-70-4C-NH	12V/5V	70	MTP	PLCC	W27E512P-70	100% drop-in replacement; Program/Erase requires external programmer support
1M	128K*8	Atmel	AT27C010L-70/90-DC	12V/5V	70, 90	UV EPROM	Ceramic DIP	W27E010-70	100% drop-in replacement; Program/Erase requires external programmer support
			AT27C010L-70/90-PC	12V/5V	70, 90	OTP	PDIP	W27E010-70	100% drop-in replacement; Program/Erase requires external programmer support
			AT27C010L-70/90-JC	12V/5V	70, 90	OTP	PLCC	W27E010P-70	100% drop-in replacement; Program/Erase requires external programmer support
		ST Micro	M27C1001-70 F1	12V/5V	70	UV EPROM	Ceramic DIP	W27E010-70	100% Read compatible; Programming requires external programmer support
			M27C1001-70 B1	12V/5V	70	OTP	PDIP	W27E010-70	100% drop-in replacement; Program/Erase requires external programmer support
			M27C1001-70 C1	12V/5V	70	OTP	PLCC	W27E010P-70	100% drop-in replacement; Program/Erase requires external programmer support
		SST	SST27SF010-70/90-3C-PH	12V/5V	70, 90	MTP	PDIP	W27E010-70	100% drop-in replacement; Program/Erase requires external programmer support
			SST27SF010-70/90-3C-NH	12V/5V	70, 90	MTP	PLCC	W27E010P-70	100% drop-in replacement; Program/Erase requires external programmer support
2M	256K*8	Atmel	AT27C020-90-PC	12V/5V	90	OTP	PDIP	W27E020-70/90	100% drop-in replacement; Program/Erase requires external programmer support
			AT27C020-90-JC	12V/5V	90	OTP	PLCC	W27E020P-70/90	100% drop-in replacement; Program/Erase requires external programmer support
		ST Micro	M27C2001-90 F1	12V/5V	90	UV EPROM	Ceramic DIP	W27E020-70/90	100% drop-in replacement; Program/Erase requires external programmer support
			M27C2001-90 B1	12V/5V	90	OTP	PDIP	W27E020-70/90	100% drop-in replacement; Program/Erase requires external programmer support
			M27C2001-90 C1	12V/5V	90	OTP	PLCC	W27E020P-70/90	100% drop-in replacement; Program/Erase requires external programmer support
		SST	SST27SF020-90-3C-PH	12V/5V	90	MTP	PDIP	W27E020-70/90	100% drop-in replacement; Program/Erase requires external programmer support
SST27SF020-90-3C-NH	12V/5V		90	MTP	PLCC	W27E020P-70/90	100% drop-in replacement; Program/Erase requires external programmer support		



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4M	512K*8	Atmel	AT27C040-70/90/12-PC	12V/5V	70, 90, 120	OTP	PDIP	W27E040-12	100% drop-in replacement; Program/Erase requires external programmer support
			AT27C040-70/90/12-JC	12V/5V	70, 90, 120	OTP	PLCC	W27E040P-12	100% drop-in replacement; Program/Erase requires external programmer support
		ST Micro	M27C4001-70/80/90/10/12/15 F1	12V/5V	70, 80, 90, 120, 150	UV EPROM	Ceramic DIP	W27E040-12	100% drop-in replacement; Program/Erase requires external programmer support
			M27C4001-70/80/90/10/12/15 B1	12V/5V	70, 80, 90, 120, 150	OTP	PDIP	W27E040-12	100% drop-in replacement; Program/Erase requires external programmer support
			M27C4001-70/80/90/10/12/15 C1	12V/5V	70, 80, 90, 120, 150	OTP	PLCC	W27E040P-12	100% drop-in replacement; Program/Erase requires external programmer support

**Note: This competitive data was obtained from public sources. There could be minor differences on AC/DC electrical spec and features.**

**Winbond is not responsible for any changes or errors in this information.**

*\*All Winbond EPROM are electrically erasable and are in plastic packaging.*

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