



**MCS<sup>®</sup> 51 MICROCONTROLLER AUTOMOTIVE  
PRODUCT SELECTION GUIDE**

*Automotive*

**AUTOMOTIVE**

Device	Process	Internal Memory		Timers/ Counters	Interrupts	Program- mable I/O Lines	Serial Ports	Extra Features	Frequency Range Offered (MHz)	Package Types
		Program	Data							
87C51FC	CHMOS	32K x 8 EPROM	256 x 8 RAM	3 x 16-Bit	7	32	1	1 x 5 PCA Channels	3.5–12/16/20	40-Pin PDIP, 44-Pin PLCC
87C51FB	CHMOS	16K x 8 EPROM	256 x 8 RAM	3 x 16-Bit	7	32	1	1 x 5 PCA Channels	3.5–12/16	40-Pin PDIP, 44-Pin PLCC
87C51FA	CHMOS	8K x 8 EPROM	256 x 8 RAM	3 x 16-Bit	7	32	1	1 x 5 PCA Channels	3.5–12/16	40-Pin PDIP, 44-Pin PLCC
83C51FA	CHMOS	8K x 8 ROM	256 x 8 RAM	3 x 16-Bit	7	32	1	1 x 5 PCA Channels	3.5–12/16	40-Pin PDIP, 44-Pin PLCC
80C51FA	CHMOS	NONE	256 x 8 RAM	3 x 16-Bit	7	32	1	1 x 5 PCA Channels	3.5–12	40-Pin PDIP, 44-Pin PLCC
87C54	CHMOS	16K x 8 EPROM	256 x 8 RAM	3 x 16-Bit	7	32	1		3.5–12/16/20	40-Pin PDIP, 44-Pin PLCC
87C51	CHMOS	4K x 8 EPROM	128 x 8 RAM	2 x 16-Bit	5	32	1		3.5–12/16	40-Pin PDIP, 44-Pin PLCC
80C51BH	CHMOS	4K x 8 ROM	128 x 8 RAM	2 x 16-Bit	5	32	1		3.5–12/16	40-Pin PDIP, 44-Pin PLCC
80C31BH	CHMOS	NONE	128 x 8 RAM	2 x 16-Bit	5	32	1		3.5–12/16	40-Pin PDIP, 44-Pin PLCC
8052AH	HMOS	8K x 8 ROM	256 x 8 RAM	3 x 16-Bit	6	32	1		3.5–12	40-Pin PDIP, 44-Pin PLCC
8032AH	HMOS	NONE	256 x 8 RAM	3 x 16-Bit	6	32	1		3.5–12	40-Pin PDIP, 44-Pin PLCC
8051AH	HMOS	4K x 8 ROM	128 x 8 RAM	2 x 16-Bit	5	32	1		3.5–12	40-Pin PDIP, 44-Pin PLCC
8031AH	HMOS	NONE	128 x 8 RAM	2 x 16-Bit	5	32	1		3.5–12	40-Pin PDIP, 44-Pin PLCC

March 1995

Order Number: 270338-003