



MCS® 96 MICROCONTROLLER PRODUCT SELECTION GUIDE

Automotive

Device	Bus Speed ns	Bus Codes (Bit)	Internal Memory			Timers/Counter		HSI Capture	HSO Compare	PWM Outputs	A/D Inputs	Interrupts Sources	I/O Lines	CAN Protocol	Serial Ports	Extra Features		Frequency Range Offered (MHz)	Package Types
			EPROM/ROM	Register RAM	Code RAM	H/W	S/W									WDT	PTS		
8XC196EA	62.5	16 & 8	8K	1K x 8	3K x 8	4	0	Up to 7	Up to 25	8	16	43	76	No	3	Yes	Yes	32	160-Pin QFP
8XC196CB	100	16 & 8	56K x 8	1.5K x 8	512 x 8	2	Up to 10	Up to 10	Up to 10	Up to 4	8	38	56/60	Yes	2	Yes	Yes	16/20	84-Pin PLCC 100-Pin QFP
8XC196CA	100	16 & 8	32K x 8	1K x 8	256 x 8	2	Up to 6	Up to 6	Up to 6	Up to 4	6	38	38	Yes	2	Yes	Yes	16/20	68-Pin PLCC
8XC196JV	100	16 & 8	48K x 8	1.5K x 8	512 x 8	2	Up to 6	Up to 6	Up to 6	Up to 4	6	35	41	No	2	Yes	Yes	16/20	52-Pin PLCC
8XC196KT	100	16 & 8	32K x 8	1K x 8	512 x 8	2	Up to 10	Up to 10	Up to 10	Up to 4	8	37	56	No	2	Yes	Yes	16/20	68-Pin PLCC
8XC196JT	100	16 & 8	32K x 8	1K x 8	512 x 8	2	Up to 6	Up to 6	Up to 6	Up to 4	6	35	41	No	2	Yes	Yes	16/20	52-Pin PLCC
8XC196KS	125	16 & 8	24K x 8	1K x 8	256 x 8	2	Up to 10	Up to 10	Up to 10	Up to 4	8	37	56	No	2	Yes	Yes	16	68-Pin PLCC
8XC196KR	125	16 & 8	16K x 8	488 x 8	256 x 8	2	Up to 10	Up to 10	Up to 10	Up to 4	8	37	56	No	2	Yes	Yes	16	68-Pin PLCC
8XC196JR	125	16 & 8	16K x 8	488 x 8	256 x 8	2	Up to 6	Up to 6	Up to 6	Up to 4	6	35	41	No	2	Yes	Yes	16	52-Pin PLCC
8XC196KQ	125	16 & 8	12K x 8	360 x 8	128 x 8	2	Up to 10	Up to 10	Up to 10	Up to 4	8	37	56	No	2	Yes	Yes	16	68-Pin PLCC
8XC196KJ	125	16 & 8	12K x 8	360 x 8	128 x 8	2	Up to 6	Up to 6	Up to 6	Up to 4	6	35	41	No	2	Yes	Yes	16	52-Pin PLCC
8XC196KD	125	16 & 8	32K x 8	768 x 8		2	4	Up to 4	Up to 6	3	8	28	48	No	1	Yes	Yes	16	68-Pin PLCC
8XC196KC	125	16 & 8	16K x 8	488 x 8		2	4	Up to 4	Up to 6	3	8	28	48	No	1	Yes	Yes	12/16	68-Pin PLCC
8XC196KB	125	16 & 8	8K x 8	232 x 8		2	4	Up to 4	Up to 6	1	8	28	48	No	1	Yes		12/16	68-Pin PLCC, PFP