

# ZILOG Microcontrollers



## ZILOG DEVELOPMENT TOOLS

Key	MOUSER STOCK NO.		Description	Price Each
	Mfr.	Mfr. Part Number		
C	692	Z86L9900100ZCO	Z86L99 Evaluation Board	193.75
D	692	Z86L9900100ZEM	Z86L99 In-Circuit Emulator	850.00

Key	MOUSER STOCK NO.		Description	Price Each
	Mfr.	Mfr. Part Number		
E	692	Z86D9900100ZDH	SSOP-48 D99 Programming Adapter	65.00
F	692	Z16C3001ZCO	Z16C30 PC/AT Application Kit	199.00
G	692	Z8S18000ZCO	Z8S180 + ESCC Application Kit	200.00

## ZILOG IR MICROCONTROLLERS

◆ Surface Mount Device

\* Watchdog timers      \* OTP Program memory      \* See above for development tools.      For quantities of 1000 and up, call for quote.

MOUSER STOCK NO.	Mfr.	Mfr. Part Number	Package	ROM (KB)	RAM (Bytes)	I/O	Interrupts	On-Chip Special Features	On-Chip Analog Features	Timers	Voltage (V)	Speed (MHz)	Development Tools Available	Price Each			
														1	25	100	500
◆ 692—Z86D990H2008SG			SSOP-48	32	489	32	6	POR, IR Timer, Low Voltage Detection	2 comp; ADC	3	3.0-5.5	8	C, D, E	14.98	11.98	8.20	8.03
692—Z86D990P2008SG			PDIP-40	32	489	32	6	POR, IR Timer, Low Voltage Detection	2 comp; ADC	3	3.0-5.5	8	C, D	14.20	11.36	7.78	7.63
692—Z86D991P2008SG			PDIP-28	32	489	24	6	POR, IR Timer, Low Voltage Detection	2 comp	3	3.0-5.5	8	C, D	14.20	11.36	7.78	7.63
◆ 692—Z86D991S2008SG			SOIC-28	32	489	24	6	POR, IR Timer, Low Voltage Detection	2 comp	3	3.0-5.5	8	C, D	13.83	11.06	7.57	7.42

## ZILOG SERIAL COMMUNICATIONS CONTROLLERS

◆ Surface Mount Device

\* Operating voltage: 5(V)      \* On-chip feature: multi-protocol      \* See above for development tools.      For quantities of 1000 and up, call for quote.

MOUSER STOCK NO.	Mfr.	Mfr. Part Number	Package	Comm Controller	Speed (MHz)	Ext. Temp.	Mbps.	FIFO Tx (Bytes)	FIFO Rx (Bytes)	Error Detection	Integrated DMA	Full Duplex Channels	Development Tools Available	Full-Duplex Channels: Dual	Price Each			
															1	25	100	500
◆ 692—Z80C3008VSG			PLCC-44	SCC	8	No	2.5	1	3	CRC-16 or CRC-CCITT	No	No	-	Yes	15.30	12.24	9.42	9.23
692—Z80C3008PSG			DIP-40	SCC	8	Yes	2.5	1	3	CRC-16 or CRC-CCITT	No	No	-	Yes	15.30	12.24	9.42	9.23
692—Z8523008PEG			DIP-40	ESCC	8	Yes	5	4	8	CRC-16 or CRC-CCITT	No	No	G, F	Yes	21.55	17.24	13.26	12.32
◆ 692—Z8523008VEG			PLCC-44	ESCC	8	Yes	5	4	8	CRC-16 or CRC-CCITT	No	No	G, F	Yes	19.03	15.22	11.71	10.88
692—Z8523008PSG			DIP-40	ESCC	8	No	5	4	8	CRC-16 or CRC-CCITT	No	No	G, F	Yes	13.18	10.54	8.11	7.53
◆ 692—Z8523008VSG			PLCC-44	ESCC	8	No	5	4	8	CRC-16 or CRC-CCITT	No	No	G, F	Yes	13.18	10.54	8.11	7.53
692—Z85C3008PEG			PDIP-40	SCC	8	Yes	4	1	3	CRC-16 or CRC-CCITT	No	No	-	Yes	11.23	8.98	6.91	6.42
692—Z85C3008PSG			PDIP-40	SCC	8	No	4	1	3	CRC-16 or CRC-CCITT	No	No	-	Yes	7.50	6.00	4.62	4.29
◆ 692—Z85C3008VEG			PLCC-44	SCC	8	Yes	4	1	3	CRC-16 or CRC-CCITT	No	No	-	Yes	11.23	8.98	6.91	6.42
◆ 692—Z85C3008VSG			PLCC-44	SCC	8	No	4	1	3	CRC-16 or CRC-CCITT	No	No	-	Yes	7.50	6.00	4.62	4.29
◆ 692—Z16C3010VEG			PLCC-68	USC	10	Yes	10	32	32	CRC-32, CRC-16, CRC-CCITT	No	No	F	Yes	83.25	66.60	51.23	47.57
◆ 692—Z16C3010ASG			VQFP-100	USC	10	No	10	32	32	CRC-32, CRC-16, CRC-CCITT	No	No	F	Yes	47.25	37.80	29.08	27.00
◆ 692—Z16C3010VSG			PLCC-68	USC	10	No	10	32	32	CRC-32, CRC-16, CRC-CCITT	No	No	F	Yes	47.25	37.80	29.08	27.00
◆ 692—Z16C3010AEG			VQFP-100	USC	10	Yes	10	32	32	CRC-32, CRC-16, CRC-CCITT	No	No	F	Yes	83.25	66.60	51.23	47.57
◆ 692—Z16C3510VSG			PLCC-68	ISCC	10	No	4	1	3	CRC-16 or CRC-CCITT	Yes	No	-	Yes	23.75	19.00	14.62	13.57
692—Z8023010PSG			DIP-40	ESCC	10	No	4	4	8	CRC-16 or CRC-CCITT	No	No	G, F	Yes	23.13	18.50	14.23	13.95
◆ 692—Z8023010VSG			PLCC-44	ESCC	10	No	4	4	8	CRC-16 or CRC-CCITT	No	No	G, F	Yes	24.85	19.88	15.29	14.98
692—Z80C3010PSG			DIP-40	SCC	10	No	2.5	1	3	CRC-16 or CRC-CCITT	No	No	-	Yes	20.43	16.34	12.57	12.32
◆ 692—Z80C3010VSG			PLCC-44	SCC	10	No	2.5	1	3	CRC-16 or CRC-CCITT	No	No	-	Yes	20.43	16.34	12.57	12.32
◆ 692—Z8523010VSG			PLCC-44	ESCC	10	No	5	4	8	CRC-16 or CRC-CCITT	No	No	G, F	Yes	16.65	13.32	10.25	9.52
692—Z8523010PSG			DIP-40	ESCC	10	No	5	4	8	CRC-16 or CRC-CCITT	No	No	G, F	Yes	16.65	13.32	10.25	9.52
◆ 692—Z8523010VEG			PLCC-44	ESCC	10	Yes	5	4	8	CRC-16 or CRC-CCITT	No	No	G, F	Yes	27.00	21.60	16.61	15.43
◆ 692—Z8523310VSG			PLCC-44	EMSCC	10	No	4	4	8	CRC-16 or CRC-CCITT	No	Yes	G, F	No	8.35	6.68	5.14	5.04
692—Z85C3010PEG			PDIP-40	SCC	10	Yes	4	1	3	CRC-16 or CRC-CCITT	No	No	-	Yes	12.78	10.22	7.85	7.29
692—Z85C3010PSG			PDIP-40	SCC	10	No	4	1	3	CRC-16 or CRC-CCITT	No	No	-	Yes	8.55	6.84	5.26	4.89
◆ 692—Z85C3010VEG			PLCC-44	SCC	10	Yes	4	1	3	CRC-16 or CRC-CCITT	No	No	-	Yes	12.78	10.22	7.85	7.29
◆ 692—Z85C3010VSG			PLCC-44	SCC	10	No	4	1	3	CRC-16 or CRC-CCITT	No	No	-	Yes	8.55	6.84	5.26	4.89
692—Z8523010PEG			DIP-40	ESCC	10	Yes	5	4	8	CRC-16 or CRC-CCITT	No	No	G, F	Yes	27.00	21.60	16.61	15.43
◆ 692—Z16C3516VSG			PLCC-68	ISCC	16	No	4	1	3	CRC-16 or CRC-CCITT	Yes	No	-	Yes	31.50	25.20	19.38	18.00
◆ 692—Z8023016VSG			PLCC-44	ESCC	16	No	4	4	8	CRC-16 or CRC-CCITT	No	No	G, F	Yes	32.55	26.04	20.03	19.63
692—Z8023016PSG			DIP-40	ESCC	16	No	4	4	8	CRC-16 or CRC-CCITT	No	No	G, F	Yes	32.55	26.04	20.03	19.63
◆ 692—Z8523016VSG			PLCC-44	ESCC	16	No	5	4	8	CRC-16 or CRC-CCITT	No	No	G, F	Yes	21.38	17.10	13.15	12.21
692—Z8523016PSG			DIP-40	ESCC	16	No	5	4	8	CRC-16 or CRC-CCITT	No	No	G, F	Yes	21.38	17.10	13.15	12.21
◆ 692—Z8523016VEG			PLCC-44	ESCC	16	Yes	5	4	8	CRC-16 or CRC-CCITT	No	No	G, F	Yes	33.30	26.64	20.50	19.03
692—Z8523016PSG			DIP-40	ESCC	16	Yes	5	4	8	CRC-16 or CRC-CCITT	No	No	G, F	Yes	33.30	26.64	20.50	19.03
◆ 692—Z8523316VSG			PLCC-44	EMSCC	16	No	4	4	8	CRC-16 or CRC-CCITT	No	Yes	G, F	No	13.08	10.46	8.05	7.89
692—Z85C3016PSG			PDIP-40	SCC	16	No	4	1	3	CRC-16 or CRC-CCITT	No	No	-	Yes	12.50	10.00	7.69	7.14
◆ 692—Z85C3016VSG			PLCC-44	SCC	16	No	4	1	3	CRC-16 or CRC-CCITT	No	No	-	Yes	12.50	10.00	7.69	7.14
◆ 692—Z16C3220VSG			POFP-80	IUSC	20	No	20	32	32	CRC-32, CRC-16, CRC-CCITT	Yes	Yes	-	No	23.63	18.90	14.54	13.50
◆ 692—Z16C3220VSG1660			PLCC-68	IUSC	20	No	20	32	32	CRC-32, CRC-16, CRC-CCITT	Yes	Yes	-	No	20.70	18.82	15.92	14.79
◆ 692—Z8523020VSG			PLCC-44	ESCC	20	No	5	4	8	CRC-16 or CRC-CCITT	No	No	G, F	Yes	28.20	22.56	17.36	16.12
692—Z8523020PSG			DIP-40	ESCC	20	No	5	4	8	CRC-16 or CRC-CCITT	No	No	G, F	Yes	28.20	22.56	17.36	16.12

