

ZILOG Microcontrollers and Microprocessors



MCU / MPU

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ZILOG Z8 ENCORE!™ XP MICROCONTROLLERS (CONT.)

◆ Surface Mount Device

For quantities of 1000 and up, call for quote.

MOUSER STOCK NO.		Package	Flash Bytes	RAM Bytes	NVDS Bytes	I/O Lines	Interrupts	16-bit Timers with PWM's	10-bit A/D Channels	UARTs	Voltage (V)	Temperature Range	Price Each			
Mfr.	Mfr. Part Number												1	25	100	500
◆	692-28F041ASJ020EG	SOIC-28	4K	1K	128	25	18	2	-	1	2.7 to 3.6V	-40 to 105	3.03	2.42	1.74	1.62
◆	692-28F042AHJ020SG	SSOP-28	4K	1K	128	23	18	2	8	1	2.7 to 3.6V	0 to 70	3.03	2.42	1.73	1.62
◆	692-28F042AHJ020EG	SSOP-28	4K	1K	128	23	18	2	8	1	2.7 to 3.6V	-40 to 105	3.18	2.54	1.82	1.70
◆	692-28F041AHJ020SG	SSOP-28	4K	1K	128	25	18	2	-	1	2.7 to 3.6V	0 to 70	2.90	2.32	1.65	1.54
◆	692-28F041AHJ020EG	SSOP-28	4K	1K	128	25	18	2	-	1	2.7 to 3.6V	-40 to 105	3.03	2.42	1.74	1.62
◆	692-28F042APJ020SG	PDIP-28	4K	1K	128	23	18	2	8	1	2.7 to 3.6V	0 to 70	3.45	2.76	1.97	1.84
◆	692-28F042APJ020EG	PDIP-28	4K	1K	128	23	18	2	8	1	2.7 to 3.6V	-40 to 105	3.63	2.90	2.07	1.93
◆	692-28F041APJ020SG	PDIP-28	4K	1K	128	25	18	2	-	1	2.7 to 3.6V	0 to 70	3.30	2.64	1.89	1.76
◆	692-28F041APJ020EG	PDIP-28	4K	1K	128	25	18	2	-	1	2.7 to 3.6V	-40 to 105	3.48	2.78	1.98	1.85
◆	692-28F042ASH020SG	SOIC-20	4K	1K	128	17	18	2	7	1	2.7 to 3.6V	0 to 70	2.93	2.34	1.68	1.57
◆	692-28F042ASH020EG	SOIC-20	4K	1K	128	17	18	2	7	1	2.7 to 3.6V	-40 to 105	3.08	2.46	1.76	1.64
◆	692-28F041ASH020SG	SOIC-20	4K	1K	128	17	18	2	-	1	2.7 to 3.6V	0 to 70	2.80	2.24	1.60	1.49
◆	692-28F041ASH020EG	SOIC-20	4K	1K	128	17	18	2	-	1	2.7 to 3.6V	-40 to 105	2.93	2.34	1.68	1.57
◆	692-28F042AHH020SG	SSOP-20	4K	1K	128	17	18	2	7	1	2.7 to 3.6V	0 to 70	2.93	2.34	1.68	1.57
◆	692-28F042AHH020EG	SSOP-20	4K	1K	128	17	18	2	7	1	2.7 to 3.6V	-40 to 105	3.08	2.46	1.76	1.64
◆	692-28F041AHH020SG	SSOP-20	4K	1K	128	17	18	2	-	1	2.7 to 3.6V	0 to 70	2.80	2.24	1.60	1.49
◆	692-28F041AHH020EG	SSOP-20	4K	1K	128	17	18	2	-	1	2.7 to 3.6V	-40 to 105	2.93	2.34	1.68	1.57
◆	692-28F042APH020SG	PDIP-20	4K	1K	128	17	18	2	7	1	2.7 to 3.6V	0 to 70	3.25	2.60	1.86	1.74
◆	692-28F042APH020EG	PDIP-20	4K	1K	128	17	18	2	7	1	2.7 to 3.6V	-40 to 105	3.43	2.74	1.95	1.82
◆	692-28F041APH020SG	PDIP-20	4K	1K	128	17	18	2	-	1	2.7 to 3.6V	0 to 70	3.13	2.50	1.78	1.66
◆	692-28F041APH020EG	PDIP-20	4K	1K	128	17	18	2	-	1	2.7 to 3.6V	-40 to 105	3.28	2.62	1.87	1.74

ZILOG EZ80L92 DEVELOPMENT KIT

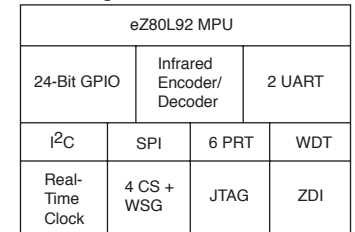
The EZ80L92 Development Kit provides the developer with a complete set of tools for either the evaluation of the EZ80L92 device or the development of a new application. The kit features two primary boards: the EZ80™ Development Platform and the EZ80L92 Ethernet Module. In addition, all of the necessary hardware, software, and technical documentation are included. This development kit provides designers comprehensive support to begin designing immediately. The eZ80Acclaim! eZ80F92/F93 are pin-compatible versions of the eZ80L92 with integrated Flash memory.

Features:

- EZ80 Development Platform
- EZ80 E-NET Module
- EZ80 Development Kit User Manual
- EZ80 Quick Start Guide
- ZPAK II Debug Interface Module
- ZDS II with C-Compiler Software and Documentation (CD-ROM)
- Ethernet Hub
- EZ80 Software and Documentation (CD-ROM)
- International Power Supply (110/220V) Cables

MOUSER STOCK NO.	Zilog Part No.	Price Each
692-EZ80L920210ZCO	EZ80L920210ZCO	399.95

Block Diagram



ZILOG ZR06 MOTOR CONTROL

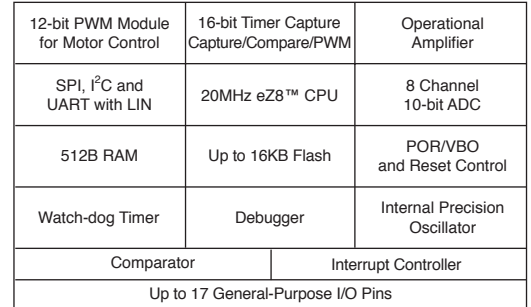
The Z8FMC16100 Series Motor Control Development Kit is our absolute yet comprehensive development tool for the Z8 Encore! MC™ Z8FMC16100 Series motor control microcontrollers. It includes a development board with the Z8FMC16100 device which plugs into a brushless DC (BLDC) application board with a BLDC motor. Included is also an opto-isolated USB smart cable for safe programming and debugging and our ZDS II integrated development environment (IDE) with a full ANSI C compiler.



Features:

- Z8FMC16100 series MDS development board
- Brushless DC (BLDC) motor
- BLDC motor control application board
- Opto-isolated USB smart cable
- 5V DC universal power supply
- ZILOG Developer Studio II IDE with a full ANSI C compiler
- Sample code

Block Diagram



MOUSER STOCK NO.	Zilog Part No.	Description	Price Each
692-Z8FMC160100KIT	Z8FMC160100KIT	Z8FMC16100 Series Development Kit	199.95
692-Z8FMC161000ZEM	Z8FMC161000ZEM	Z8FMC16100 Series Emulator Kit	1999.00
692-ZUSBOPTSC01ZAC	ZUSBOPTSC01ZAC	USB Opto-isolated Smart Cable Accessory Kit	75.00

◆ Surface Mount Device

For quantities of 1000 and up, call for quote.

MOUSER STOCK NO.	Zilog Part No.	Package	Flash KB Bytes	SRAM Bytes	GPIO	Max. Speed MHz	I ² C/SPI	Trimmed IPO	Temp (°C)	Price Each				
										1	25	100	500	
◆	692-Z8FMC16100QKSG	Z8FMC16100QKSG	QFN-32	16 (16,384)	512	17	20	I ² C/SPI	Y	0 to +70	6.25	5.00	3.96	3.45
◆	692-Z8FMC16100QKEG	Z8FMC16100QKEG	QFN-32	16	512	17	20	I ² C/SPI	Y	-40 to +105	6.88	5.50	4.36	3.79
◆	692-Z8FMC16100AKSG	Z8FMC16100AKSG	LQFP-32	16 (16,384)	512	17	20	I ² C/SPI	Y	0 to +70	6.25	5.00	3.96	3.45
◆	692-Z8FMC16100AKEG	Z8FMC16100AKEG	LQFP-32	16	512	17	20	I ² C/SPI	Y	-40 to +105	6.88	5.50	4.36	3.79
◆	692-Z8FMC08100QKSG	Z8FMC08100QKSG	QFN-32	8	512	17	20	I ² C/SPI	Y	0 to +70	5.95	4.76	3.78	3.29
◆	692-Z8FMC08100QKEG	Z8FMC08100QKEG	QFN-32	8	512	17	20	I ² C/SPI	Y	-40 to +105	6.53	5.22	4.14	3.60
◆	692-Z8FMC08100AKSG	Z8FMC08100AKSG	LQFP-32	8	512	17	20	I ² C/SPI	Y	0 to +70	5.95	4.76	3.78	3.29
◆	692-Z8FMC08100AKEG	Z8FMC08100AKEG	LQFP-32	8	512	17	20	I ² C/SPI	Y	-40 to +105	6.53	5.22	4.14	3.60
◆	692-Z8FMC04100QKSG	Z8FMC04100QKSG	QFN-32	4	512	17	20	I ² C/SPI	Y	0 to +70	5.65	4.52	3.59	3.12
◆	692-Z8FMC04100QKEG	Z8FMC04100QKEG	QFN-32	4	512	17	20	I ² C/SPI	Y	-40 to +105	6.20	4.96	3.94	3.43
◆	692-Z8FMC04100AKSG	Z8FMC04100AKSG	LQFP-32	4	512	17	20	I ² C/SPI	Y	0 to +70	5.65	4.52	3.59	3.12
◆	692-Z8FMC04100AKEG	Z8FMC04100AKEG	LQFP-32	4	512	17	20	I ² C/SPI	Y	-40 to +105	6.20	4.96	3.94	3.43

ZILOG EZ80 MICROPROCESSORS

◆ Surface Mount Device

For quantities of 1000 and up, call for quote.

MOUSER STOCK NO.	Zilog Part No.	Package	Communications Controller	Core CPU Used	I/O	WDT	Timers	Voltage (V)	Speed (MHz)	Price Each				
										1	25	100	500	
◆	692-EZ80L92AZ020EG	EZ80L92AZ020EC	LQFP-100	DMA, I ² C, SPI, UART	EZ80	24	Yes	6	3.3	20	13.83	11.06	7.37	7.09
◆	692-EZ80L92AZ020SG	EZ80L92AZ020SC	LQFP-100	DMA, I ² C, SPI, UART	EZ80	24	Yes	6	3.3	20	12.03	9.62	6.41	6.17
◆	692-EZ80L92S048MOD	EZ80L92S048MOD	Module	DMA, I ² C, SPI, UART	EZ80	24	Yes	6	3.3	48	114.75	91.80	51.00	48.83
◆	692-EZ80L92AZ050EG	EZ80L92AZ050EC	LQFP-100	DMA, I ² C, SPI, UART	EZ80	24	Yes	6	3.3	50	15.20	12.16	8.11	7.79
◆	692-EZ80L92AZ050SG	EZ80L92AZ050SC	LQFP-100	DMA, I ² C, SPI, UART	EZ80	24	Yes	6	3.3	50	13.23	10.58	7.05	6.78
◆	692-EZ80190AZ050SG	EZ80190AZ050SC	LQFP-100	DMA, I ² C, SPI, UART	EZ80	32	Yes	6	3.3V	50	17.90	14.32	9.55	9.18
◆	692-EZ80190AZ050EG	EZ80190AZ050EC	LQFP-100	DMA, I ² C, SPI, UART	EZ80	32	Yes	6	3.3V	50	20.58	16.46	10.97	10.55

