

ZILOG Z8 GP Microcontrollers

ZILOG Z8 GP SERIES MICROCONTROLLERS

The ZGP323H/L is OTP- and ROM-based members of ZILOG's new Z8 GP™ MCU family of general-purpose microcontrollers. Offering 237 bytes of general-purpose RAM and up to 32KB of OTP memory, ZILOG's Z8 GP MCU family provides support for standard, extended, and automotive temperature ranges. The low-voltage series supports voltage ranges from 2.0V to 3.6V, making it perfect for low-power applications. The high-voltage series supports voltage ranges from 2.0V to 5.5V. Both series offer fast-executing memory use, high GPIO, sophisticated interrupts, input/output bit manipulation, automated pulse generation/reception, and internal key-scan pull-up resistors.

◆ Surface Mount Device

For quantities of 1000 and up, call for quote.

MOUSER STOCK NO.	Zilog Part No.	Package	Memory Size (KB)	RAM (bytes)	I/O	Other Features	WDT	Operating Voltage (V)	Speed (MHz)	Price Each			
										1	25	100	500
◆ 692-ZGP323HSH2804G	ZGP323HSH2804C	SSOP-28	4	237	24	2 Comparators, HVD, LVD	Yes	2.0 - 5.5	8	2.93	2.34	1.76	1.68
◆ 692-ZGP323HSP2804G	ZGP323HSP2804C	PDIP-28	4	237	24	2 Comparators, HVD, LVD	Yes	2.0 - 5.5	8	3.38	2.70	2.00	1.90
◆ 692-ZGP323HSS2804G	ZGP323HSS2804C	SOIC-28	4	237	24	2 Comparators, HVD, LVD	Yes	2.0 - 5.5	8	2.93	2.34	1.76	1.68
◆ 692-ZGP323HSH2004G	ZGP323HSH2004C	SSOP-20	4	237	16	2 Comparators, HVD, LVD	Yes	2.0 - 5.5	8	2.88	2.30	1.71	1.64
◆ 692-ZGP323HSP2004G	ZGP323HSP2004C	PDIP-20	4	237	16	2 Comparators, HVD, LVD	Yes	2.0 - 5.5	8	3.33	2.66	1.96	1.88
◆ 692-ZGP323HSS2004G	ZGP323HSS2004C	SOIC-20	4	237	16	2 Comparators, HVD, LVD	Yes	2.0 - 5.5	8	2.85	2.28	1.71	1.64
◆ 692-ZGP323HEH2804G	ZGP323HEH2804C	SSOP-28	4	237	24	2 Comparators, HVD, LVD	Yes	2.0 - 5.5	8	3.05	2.44	1.80	1.73
◆ 692-ZGP323HEP2804G	ZGP323HEP2804C	PDIP-28	4	237	24	2 Comparators, HVD, LVD	Yes	2.0 - 5.5	8	3.48	2.78	2.04	1.95
◆ 692-ZGP323HES2804G	ZGP323HES2804C	SOIC-28	4	237	24	2 Comparators, HVD, LVD	Yes	2.0 - 5.5	8	3.05	2.44	1.80	1.73
◆ 692-ZGP323HEH2004G	ZGP323HEH2004C	SSOP-20	4	237	16	2 Comparators, HVD, LVD	Yes	2.0 - 5.5	8	2.98	2.38	1.75	1.68
◆ 692-ZGP323HEP2004G	ZGP323HEP2004C	PDIP-20	4	237	16	2 Comparators, HVD, LVD	Yes	2.0 - 5.5	8	3.43	2.74	2.01	1.92
◆ 692-ZGP323HES2004G	ZGP323HES2004C	SOIC-20	4	237	16	2 Comparators, HVD, LVD	Yes	2.0 - 5.5	8	2.95	2.36	1.75	1.68
◆ 692-ZGP323HAH2804G	ZGP323HAH2804C	SSOP-28	4	237	24	2 Comparators, HVD, LVD	Yes	2.0 - 5.5	8	3.15	2.52	1.84	1.77
◆ 692-ZGP323HAP2804G	ZGP323HAP2804C	PDIP-28	4	237	24	2 Comparators, HVD, LVD	Yes	2.0 - 5.5	8	3.60	2.88	2.08	1.99
◆ 692-ZGP323HAS2804G	ZGP323HAS2804C	SOIC-28	4	237	24	2 Comparators, HVD, LVD	Yes	2.0 - 5.5	8	3.15	2.52	1.84	1.77
◆ 692-ZGP323HAH2004G	ZGP323HAH2004C	SSOP-20	4	237	16	2 Comparators, HVD, LVD	Yes	2.0 - 5.5	8	3.08	2.46	1.79	1.73
◆ 692-ZGP323HAP2004G	ZGP323HAP2004C	PDIP-20	4	237	16	2 Comparators, HVD, LVD	Yes	2.0 - 5.5	8	3.53	2.82	2.05	1.96
◆ 692-ZGP323HAS2004G	ZGP323HAS2004C	SOIC-20	4	237	16	2 Comparators, HVD, LVD	Yes	2.0 - 5.5	8	3.05	2.44	1.79	1.73
◆ 692-ZGP323LSH2804G	ZGP323LSH2804C	SSOP-28	4	237	24	2 Comparators, HVD, LVD	Yes	2.0 - 3.6	8	2.68	2.14	1.66	1.58
◆ 692-ZGP323LSP2804G	ZGP323LSP2804C	PDIP-28	4	237	24	2 Comparators, HVD, LVD	Yes	2.0 - 3.6	8	3.13	2.50	1.90	1.80
◆ 692-ZGP323LSS2804G	ZGP323LSS2804C	SOIC-28	4	237	24	2 Comparators, HVD, LVD	Yes	2.0 - 3.6	8	2.68	2.14	1.66	1.58
◆ 692-ZGP323LSH2004G	ZGP323LSH2004C	SSOP-20	4	237	16	2 Comparators, HVD, LVD	Yes	2.0 - 3.6	8	2.63	2.10	1.61	1.54
◆ 692-ZGP323LSP2004G	ZGP323LSP2004C	PDIP-20	4	237	16	2 Comparators, HVD, LVD	Yes	2.0 - 3.6	8	3.05	2.44	1.86	1.78
◆ 692-ZGP323LSS2004G	ZGP323LSS2004C	SOIC-20	4	237	16	2 Comparators, HVD, LVD	Yes	2.0 - 3.6	8	2.60	2.08	1.61	1.54
◆ 692-ZGP323LEH2804G	ZGP323LEH2804C	SSOP-28	4	237	24	2 Comparators, HVD, LVD	Yes	2.0 - 3.6	8	2.78	2.22	1.70	1.62
◆ 692-ZGP323LEP2804G	ZGP323LEP2804C	PDIP-28	4	237	24	2 Comparators, HVD, LVD	Yes	2.0 - 3.6	8	3.23	2.58	1.94	1.84
◆ 692-ZGP323LES2804G	ZGP323LES2804C	SOIC-28	4	237	24	2 Comparators, HVD, LVD	Yes	2.0 - 3.6	8	2.78	2.22	1.70	1.62
◆ 692-ZGP323LEH2004G	ZGP323LEH2004C	SSOP-20	4	237	16	2 Comparators, HVD, LVD	Yes	2.0 - 3.6	8	2.73	2.18	1.65	1.58
◆ 692-ZGP323LEP2004G	ZGP323LEP2004C	PDIP-20	4	237	16	2 Comparators, HVD, LVD	Yes	2.0 - 3.6	8	3.18	2.54	1.90	1.82
◆ 692-ZGP323LES2004G	ZGP323LES2004C	SOIC-20	4	237	16	2 Comparators, HVD, LVD	Yes	2.0 - 3.6	8	2.70	2.16	1.65	1.58
◆ 692-ZGP323LAH2804G	ZGP323LAH2804C	SSOP-28	4	237	24	2 Comparators, HVD, LVD	Yes	2.0 - 3.6	8	2.90	2.32	1.74	1.67
◆ 692-ZGP323LAP2804G	ZGP323LAP2804C	PDIP-28	4	237	24	2 Comparators, HVD, LVD	Yes	2.0 - 3.6	8	3.33	2.66	1.98	1.89
◆ 692-ZGP323LAS2804G	ZGP323LAS2804C	SOIC-28	4	237	24	2 Comparators, HVD, LVD	Yes	2.0 - 3.6	8	2.90	2.32	1.74	1.67
◆ 692-ZGP323LAH2004G	ZGP323LAH2004C	SSOP-20	4	237	16	2 Comparators, HVD, LVD	Yes	2.0 - 3.6	8	2.83	2.26	1.69	1.62
◆ 692-ZGP323LAP2004G	ZGP323LAP2004C	PDIP-20	4	237	16	2 Comparators, HVD, LVD	Yes	2.0 - 3.6	8	3.28	2.62	1.95	1.86
◆ 692-ZGP323LAS2004G	ZGP323LAS2004C	SOIC-20	4	237	16	2 Comparators, HVD, LVD	Yes	2.0 - 3.6	8	2.80	2.24	1.69	1.62
◆ 692-ZGP323LSH2832G	ZGP323LSH2832C	SSOP-28	32	237	24	2 Comparators, HVD, LVD	Yes	2.0 - 3.6	8	3.00	2.40	1.79	1.71
◆ 692-ZGP323LSP2832G	ZGP323LSP2832C	PDIP-28	32	237	24	2 Comparators, HVD, LVD	Yes	2.0 - 3.6	8	3.45	2.76	2.02	1.94
◆ 692-ZGP323LSS2832G	ZGP323LSS2832C	SOIC-28	32	237	24	2 Comparators, HVD, LVD	Yes	2.0 - 3.6	8	3.00	2.40	1.79	1.71
◆ 692-ZGP323LSH2032G	ZGP323LSH2032C	SSOP-20	32	237	16	2 Comparators, HVD, LVD	Yes	2.0 - 3.6	8	2.90	2.32	1.73	1.67
◆ 692-ZGP323LSP2032G	ZGP323LSP2032C	PDIP-20	32	237	16	2 Comparators, HVD, LVD	Yes	2.0 - 3.6	8	3.38	2.70	1.99	1.90
◆ 692-ZGP323LSS2032G	ZGP323LSS2032C	SOIC-20	32	237	16	2 Comparators, HVD, LVD	Yes	2.0 - 3.6	8	2.90	2.32	1.73	1.67
◆ 692-ZGP323LEH2832G	ZGP323LEH2832C	SSOP-28	32	237	24	2 Comparators, HVD, LVD	Yes	2.0 - 3.6	8	3.10	2.48	1.83	1.75
◆ 692-ZGP323LEP2832G	ZGP323LEP2832C	PDIP-28	32	237	24	2 Comparators, HVD, LVD	Yes	2.0 - 3.6	8	3.55	2.84	2.07	1.98
◆ 692-ZGP323LES2832G	ZGP323LES2832C	SOIC-28	32	237	24	2 Comparators, HVD, LVD	Yes	2.0 - 3.6	8	3.10	2.48	1.83	1.75
◆ 692-ZGP323LEH2032G	ZGP323LEH2032C	SSOP-20	32	237	16	2 Comparators, HVD, LVD	Yes	2.0 - 3.6	8	3.03	2.42	1.78	1.71
◆ 692-ZGP323LEP2032G	ZGP323LEP2032C	PDIP-20	32	237	16	2 Comparators, HVD, LVD	Yes	2.0 - 3.6	8	3.48	2.78	2.03	1.95
◆ 692-ZGP323LES2032G	ZGP323LES2032C	SOIC-20	32	237	16	2 Comparators, HVD, LVD	Yes	2.0 - 3.6	8	3.03	2.42	1.78	1.71
◆ 692-ZGP323LAH2832G	ZGP323LAH2832C	SSOP-28	32	237	24	2 Comparators, HVD, LVD	Yes	2.0 - 3.6	8	3.20	2.56	1.87	1.79
◆ 692-ZGP323LAP2832G	ZGP323LAP2832C	PDIP-28	32	237	24	2 Comparators, HVD, LVD	Yes	2.0 - 3.6	8	3.65	2.92	2.11	2.02
◆ 692-ZGP323LAS2832G	ZGP323LAS2832C	SOIC-28	32	237	24	2 Comparators, HVD, LVD	Yes	2.0 - 3.6	8	3.20	2.56	1.87	1.79
◆ 692-ZGP323LAH2032G	ZGP323LAH2032C	SSOP-20	32	237	16	2 Comparators, HVD, LVD	Yes	2.0 - 3.6	8	3.13	2.50	1.82	1.75
◆ 692-ZGP323LAP2032G	ZGP323LAP2032C	PDIP-20	32	237	16	2 Comparators, HVD, LVD	Yes	2.0 - 3.6	8	3.60	2.88	2.07	1.99
◆ 692-ZGP323LAS2032G	ZGP323LAS2032C	SOIC-20	32	237	16	2 Comparators, HVD, LVD	Yes	2.0 - 3.6	8	3.13	2.50	1.82	1.75
◆ 692-ZGP323HSH2832G	ZGP323HSH2832C	SSOP-28	32	237	24	2 Comparators, HVD, LVD	Yes	2.0 - 5.5	8	3.25	2.60	1.89	1.81
◆ 692-ZGP323HSP2832G	ZGP323HSP2832C	PDIP-28	32	237	24	2 Comparators, HVD, LVD	Yes	2.0 - 5.5	8	3.70	2.96	2.13	2.04
◆ 692-ZGP323HSS2832G	ZGP323HSS2832C	SOIC-28	32	237	24	2 Comparators, HVD, LVD	Yes	2.0 - 5.5	8	3.25	2.60	1.89	1.81
◆ 692-ZGP323HSH2032G	ZGP323HSH2032C	SSOP-20	32	237	16	2 Comparators, HVD, LVD	Yes	2.0 - 5.5	8	3.18	2.54	1.84	1.77
◆ 692-ZGP323HSP2032G	ZGP323HSP2032C	PDIP-20	32	237	16	2 Comparators, HVD, LVD	Yes	2.0 - 5.5	8	3.63	2.90	2.09	2.01
◆ 692-ZGP323HSS2032G	ZGP323HSS2032C	SOIC-20	32	237	16	2 Comparators, HVD, LVD	Yes	2.0 - 5.5	8	3.18	2.54	1.84	1.77
◆ 692-ZGP323HEH2832G	ZGP323HEH2832C	SSOP-28	32	237	24	2 Comparators, HVD, LVD	Yes	2.0 - 5.5	8	3.35	2.68	1.93	1.85
◆ 692-ZGP323HEP2832G	ZGP323HEP2832C	PDIP-28	32	237	24	2 Comparators, HVD, LVD	Yes	2.0 - 5.5	8	3.80	3.04	2.17	2.08
◆ 692-ZGP323HES2832G	ZGP323HES2832C	SOIC-28	32	237	24	2 Comparators, HVD, LVD	Yes	2.0 - 5.5	8	3.35	2.68	1.93	1.85
◆ 692-ZGP323HEH2032G	ZGP323HEH2032C	SSOP-20	32	237	16	2 Comparators, HVD, LVD	Yes	2.0 - 5.5	8	3.28	2.62	1.88	1.81
◆ 692-ZGP323HEP2032G	ZGP323HEP2032C	PDIP-20	32	237	16	2 Comparators, HVD, LVD	Yes	2.0 - 5.5	8	3.75	3.00	2.13	2.05
◆ 692-ZGP323HES2032G	ZGP323HES2032C	SOIC-20	32	237	16	2 Comparators, HVD, LVD	Yes	2.0 - 5.5	8	3.28	2.62	1.88	1.81
◆ 692-ZGP323HAH2832G	ZGP323HAH2832C	SSOP-28	32	237	24	2 Comparators, HVD, LVD	Yes	2.0 - 5.5	8	3.48	2.78	1.97	1.90
◆ 692-ZGP323HAP2832G	ZGP323HAP2832C	PDIP-28	32	237	24	2 Comparators, HVD, LVD	Yes	2.0 - 5.5	8	3.90	3.12	2.21	2.13
◆ 692-ZGP323HAS2832G	ZGP323HAS2832C	SOIC-28	32	237	24	2 Comparators, HVD, LVD	Yes	2.0 - 5.5	8	3.48	2.78	1.97	1.90
◆ 692-ZGP323HAH2032G	ZGP323HAH2032C	SSOP-20	32	237	16	2 Comparators, HVD, LVD	Yes	2.0 - 5.5	8	3.38	2.70	1.92	1.85
◆ 692-ZGP323HAP2032G	ZGP323HAP2032C	PDIP-20	32	237	16	2 Comparators, HVD, LVD	Yes	2.0 - 5.5	8	3.85	3.08	2.18	2.09
◆ 692-ZGP323HAS2032G	ZGP323HAS2032C	SOIC-20	32	237	16	2 Comparators, HVD, LVD	Yes	2.0 - 5.5	8	3.38	2.70	1.92	1.85

ZILOG DEVELOPMENT TOOLS

MOUSER STOCK NO.	Zilog Part No.	Description	Price Each
692-ZGP32300100ZPR	ZGP32300100ZPR	Z8 GP ZGP323 Programming System (Includes an OTP program module, program I/F, 2 package adapters, the ZDS II, a 28-pin CDIP device, and sample code)	99.00