



ZGP323LAS2008C Information



For Reference Only

Part Number ZGP323LAS2008C

Manufacturer Zilog

Category Integrated Circuits (ICs)

Embedded - Microcontrollers

Description IC MCU 8BIT 8KB OTP 20SOIC **Package** 20-SOIC (0.295", 7.50mm Width)

For the pricing/inventory/lead time, please contact

us

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ZGP323LAS2008C Specifications

Manufacturer ZGP323LAS2008C Manufacturer Zilog Category Integrated Circuits (ICs) Package 20-SOIC (0.295", 7.50mm Width) Series Z8? GP? Core Processor Z8 Core Size 8-Bit Speed 8MHz Connectivity - Peripherals HLVD, POR, WDT Number of I/O 16 Program Memory Size 8KB (8K x 8) Program Memory Type OTP EEPROM Size - RAM Size 237 x 8 Voltage - Supply (Vcc/Vdd) 2 V ~ 3.6 V Data Converters - Oscillator Type Internal Operating Temperature -40°C ~ 125°C (TA) Mounting Type -	•	
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Core Size8-BitSpeed $8MHz$ Connectivity-Peripherals $HLVD$, POR, WDTNumber of I/O 16 Program Memory Size $8KB$ ($8K \times 8$)Program Memory TypeOTPEEPROM Size-RAM Size 237×8 Voltage - Supply (Vcc/Vdd) $2 \text{ V} \sim 3.6 \text{ V}$ Data Converters-Oscillator TypeInternalOperating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$ (TA)	Series	Z8? GP?
Speed8MHzConnectivity-PeripheralsHLVD, POR, WDTNumber of I/O16Program Memory Size8KB (8K x 8)Program Memory TypeOTPEEPROM Size-RAM Size237 x 8Voltage - Supply (Vcc/Vdd)2 V ~ 3.6 VData Converters-Oscillator TypeInternalOperating Temperature-40°C ~ 125°C (TA)	Core Processor	Z8
Connectivity Peripherals HLVD, POR, WDT Number of I/O 16 Program Memory Size 8KB (8K x 8) Program Memory Type OTP EEPROM Size - RAM Size 237 x 8 Voltage - Supply (Vcc/Vdd) 2 V ~ 3.6 V Data Converters Oscillator Type Internal Operating Temperature - 40°C ~ 125°C (TA)	Core Size	8-Bit
Peripherals HLVD, POR, WDT Number of I/O 16 Program Memory Size 8KB (8K x 8) Program Memory Type OTP EEPROM Size - RAM Size 237 x 8 Voltage - Supply (Vcc/Vdd) 2 V ~ 3.6 V Data Converters Oscillator Type Internal Operating Temperature HLVD, POR, WDT 16 2 V ~ 3.6 V 8KB (8K x 8) - Orp 16 2 V ~ 3.6 V 16 16 2 V ~ 3.6 V 17 18 18 18 18 18 18 18 18 18	Speed	8MHz
Number of I/O16Program Memory Size8KB (8K x 8)Program Memory TypeOTPEEPROM Size-RAM Size237 x 8Voltage - Supply (Vcc/Vdd)2 V ~ 3.6 VData Converters-Oscillator TypeInternalOperating Temperature-40°C ~ 125°C (TA)	Connectivity	-
Program Memory Size $8KB (8K \times 8)$ Program Memory TypeOTPEEPROM Size-RAM Size 237×8 Voltage - Supply (Vcc/Vdd) $2 \text{ V} \sim 3.6 \text{ V}$ Data Converters-Oscillator TypeInternalOperating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C} \text{ (TA)}$	Peripherals	HLVD, POR, WDT
Program Memory TypeOTPEEPROM Size-RAM Size 237×8 Voltage - Supply (Vcc/Vdd) $2 \times 3.6 \times 4$ Data Converters-Oscillator TypeInternalOperating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$ (TA)	Number of I/O	16
EEPROM Size - RAM Size - 237 x 8 Voltage - Supply (Vcc/Vdd) 2 V ~ 3.6 V Data Converters - Coscillator Type Internal Operating Temperature -40°C ~ 125°C (TA)	Program Memory Size	8KB (8K x 8)
RAM Size 237×8 Voltage - Supply (Vcc/Vdd) $2 \text{ V} \sim 3.6 \text{ V}$ Data Converters - Coscillator Type Internal $-40^{\circ}\text{C} \sim 125^{\circ}\text{C} \text{ (TA)}$	Program Memory Type	OTP
Voltage - Supply (Vcc/Vdd) $2\ V \sim 3.6\ V$ Data Converters $-$ Oscillator Type $Internal$ Operating Temperature $-40^{\circ}C \sim 125^{\circ}C\ (TA)$	EEPROM Size	-
Data Converters-Oscillator TypeInternalOperating Temperature -40° C ~ 125° C (TA)	RAM Size	237 x 8
Oscillator Type Internal Operating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C} \text{ (TA)}$	Voltage - Supply (Vcc/Vdd)	2 V ~ 3.6 V
Operating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C} \text{ (TA)}$	Data Converters	-
	Oscillator Type	Internal
Mounting Type -	Operating Temperature	-40°C ~ 125°C (TA)
	Mounting Type	-
Package / Case 20-SOIC (0.295", 7.50mm Width)	Package / Case	20-SOIC (0.295", 7.50mm Width)
Supplier Device Package -	Supplier Device Package	-
Report errors?		Report errors?

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ZGP323LAS2008C Shipping Methods













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