

**Z8F0123SH005EG2156 Information**


For Reference Only

**Part Number** [Z8F0123SH005EG2156](#)  
**Manufacturer** Zilog  
**Category** Integrated Circuits (ICs)  
[Embedded - Microcontrollers](#)  
**Description** IC MCU 8BIT 1KB FLASH 20SOIC  
**Package** 20-SOIC (0.295", 7.50mm Width)  
 For the pricing/inventory/lead time, please contact us  
 Website: <https://www.heisener.com>  
 E-mail: [salesdept@heisener.com](mailto:salesdept@heisener.com)


[Request a Quote](#)
**Certified Quality**

Heisener's commitment to quality has shaped our processes for sourcing, testing, shipping, and every step in between. This foundation underlies each component we sell.


**Z8F0123SH005EG2156 Specifications**

|                            |  |
|----------------------------|--|
| Manufacturer Part Number   | <a href="#">Z8F0123SH005EG2156</a>                                       |
| Manufacturer               | Zilog  |
| Category                   | Integrated Circuits (ICs)<br><a href="#">Embedded - Microcontrollers</a> |
| Package                    | 20-SOIC (0.295", 7.50mm Width)   |
| Series                     | Encore!?! XP?  |
| Core Processor             | eZ8  |
| Core Size                  | 8-Bit  |
| Speed                      | 5MHz   |
| Connectivity               | IrDA, UART/USART   |
| Peripherals                | Brown-out Detect/Reset, LED, POR, PWM, WDT                               |
| Number of I/O              | 16   |
| Program Memory Size        | 1KB (1K x 8)   |
| Program Memory Type        | FLASH  |
| EEPROM Size                | -  |
| RAM Size                   | 256 x 8  |
| Voltage - Supply (Vcc/Vdd) | 2.7 V ~ 3.6 V  |
| Data Converters            | A/D 7x10b  |
| Oscillator Type            | Internal   |
| Operating Temperature      | -40°C ~ 105°C (TA)   |
| Mounting Type              | -  |
| Package / Case             | 20-SOIC (0.295", 7.50mm Width)   |
| Supplier Device Package    | 20-SOIC  |

[Report errors?](#)

## Z8F0123SH005EG2156 Guarantees



### Quality Guarantees

We provide 90 days warranty. \*

If the items you received were not in perfect quality, we would be responsible for your refund or replacement, but the items must be returned in their original condition.



### Service Guarantees

We guarantee 100% customer satisfaction.

Our experienced sales team and tech support team back our services to satisfy all our customers.

## Z8F0123SH005EG2156 Payment Methods



## Z8F0123SH005EG2156 Shipping Methods



If you have any question about Z8F0123SH005EG2156, please do not hesitate to contact us!

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