



Embedded in Life  
An IXYS Company

Zilog



Embedded  
An IXYS Company

Z8F0231SH020EG

|                     |                                                                                             |
|---------------------|---------------------------------------------------------------------------------------------|
| Part Number:        | Z8F0231SH020EG                                                                              |
| Manufacturer/Brand: | Zilog                                                                                       |
| Product description | IC MCU 8BIT 2KB FLASH 20SOIC                                                                |
| Datasheets:         | <div><div>PDF</div>1.Z8F0231SH020EG.pdf</div> <div><div>PDF</div>2.Z8F0231SH020EG.pdf</div> |
| RoHs Status         | <div><div>RoHS</div>Lead free / RoHS Compliant</div>                                        |
| Stock Condition     | 80218 pcs stock                                                                             |
| Ship From           | Hong Kong                                                                                   |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                       |

REQUEST FOR QUOTATION

Image may be representation. See specifications for product details.

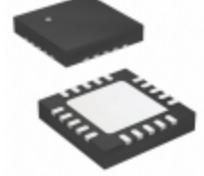
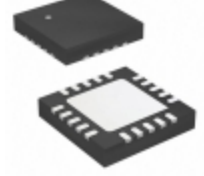
Specifications of Z8F0231SH020EG

|                                  |                                                                                             |
|----------------------------------|---------------------------------------------------------------------------------------------|
| PART NUMBER                      | Z8F0231SH020EG                                                                              |
| MANUFACTURER                     | Zilog                                                                                       |
| DESCRIPTION                      | IC MCU 8BIT 2KB FLASH 20SOIC                                                                |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                  |
| QUANTITY AVAILABLE               | 80218 pcs                                                                                   |
| DATA SHEET                       | <div><div>PDF</div>1.Z8F0231SH020EG.pdf</div> <div><div>PDF</div>2.Z8F0231SH020EG.pdf</div> |
| VOLTAGE - SUPPLY (VCC/VDD)       | 2.7 V ~ 3.6 V                                                                               |
| SPEED                            | 20MHz                                                                                       |
| SERIES                           | Encore!®                                                                                    |
| RAM SIZE                         | 256 x 8                                                                                     |
| PROGRAM MEMORY TYPE              | FLASH                                                                                       |
| PROGRAM MEMORY SIZE              | 2KB (2K x 8)                                                                                |
| PERIPHERALS                      | Brown-out Detect/Reset, LED, POR, PWM, WDT                                                  |
| PACKAGING                        | Tube                                                                                        |
| PACKAGE / CASE                   | 20-SOIC (0.295", 7.50mm Width)                                                              |
| OSCILLATOR TYPE                  | Internal                                                                                    |
| OPERATING TEMPERATURE            | -40°C ~ 105°C (TA)                                                                          |
| NUMBER OF I/O                    | 17                                                                                          |
| MOISTURE SENSITIVITY LEVEL (MSL) | 1 (Unlimited)                                                                               |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                  |
| EEPROM SIZE                      | -                                                                                           |
| DETAILED DESCRIPTION             | eZ8 Encore!® Microcontroller IC 8-Bit 20MHz 2KB (2K x 8) FLASH                              |
| DATA CONVERTERS                  | -                                                                                           |
| CORE SIZE                        | 8-Bit                                                                                       |
| CORE PROCESSOR                   | eZ8                                                                                         |
| CONNECTIVITY                     | -                                                                                           |
| BASE PART NUMBER                 | Z8F0231                                                                                     |

Related Tags

|                              |                                   |                          |
|------------------------------|-----------------------------------|--------------------------|
| Zilog Z8F0231SH020EG         | Z8F0231SH020EG Distributor        | Z8F0231SH020EG Supplier  |
| Z8F0231SH020EG Price         | Z8F0231SH020EG Pictures           | Z8F0231SH020EG Image     |
| Z8F0231SH020EG PDF Datasheet | Z8F0231SH020EG Download Datasheet | Z8F0231SH020EG Datasheet |
| Z8F0231SH020EG Stock         | Buy Z8F0231SH020EG                | Buy Zilog Z8F0231SH020EG |
| Zilog Z8F0231SH020EG         | Zilog Supplier                    | Zilog Distributor        |
| Zilog Z8F0231SH020EG         |                                   |                          |

Related Products

|                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                          |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div><div><div>Embedded in Life<br/>An IXYS Company</div></div><div><b>Z8F0231SJ020SG</b><br/>Manufacturers: Zilog<br/>Description: IC MCU 8BIT 2KB FLASH 28SOIC<br/>In stock: 89754 pcs</div><div>RFQ</div></div> | <div><div><div>Embedded in Life<br/>An IXYS Company</div></div><div><b>Z8F0411HH020EC00TR</b><br/>Manufacturers: Zilog<br/>Description: IC MCU 8BIT 4KB FLASH 20SSOP<br/>In stock: 3879 pcs</div><div>RFQ</div></div> |
| <div><div><div>Embedded in Life<br/>An IXYS Company</div></div><div><b>Z8F0231QJ020EG</b><br/>Manufacturers: Zilog<br/>Description: IC MCU 8BIT 2KB FLASH 28QFN<br/>In stock: 106441 pcs</div><div>RFQ</div></div> | <div><div><div>Embedded in Life<br/>An IXYS Company</div></div><div><b>Z8F0231PJ020SG</b><br/>Manufacturers: Zilog<br/>Description: IC MCU 8BIT 2KB FLASH 28DIP<br/>In stock: 76986 pcs</div><div>RFQ</div></div>     |
| <div><div><div>Embedded in Life<br/>An IXYS Company</div></div><div><b>Z8F0231QJ020SG</b><br/>Manufacturers: Zilog<br/>Description: IC MCU 8BIT 2KB FLASH 28QFN<br/>In stock: 43976 pcs</div><div>RFQ</div></div>  | <div><div><div>Embedded in Life<br/>An IXYS Company</div></div><div><b>Z8F0231SH020SG</b><br/>Manufacturers: Zilog<br/>Description: IC MCU 8BIT 2KB FLASH 20SOIC<br/>In stock: 95744 pcs</div><div>RFQ</div></div>    |
| <div><div><div>Embedded in Life<br/>An IXYS Company</div></div><div><b>Z8F0411HH020EC</b><br/>Manufacturers: Zilog<br/>Description: IC MCU 8BIT 4KB FLASH 20SSOP<br/>In stock: 5079 pcs</div><div>RFQ</div></div>  | <div><div><div>Embedded in Life<br/>An IXYS Company</div></div><div><b>Z8F0231SJ020EG</b><br/>Manufacturers: Zilog<br/>Description: IC MCU 8BIT 2KB FLASH 28SOIC<br/>In stock: 101519 pcs</div><div>RFQ</div></div>   |
| <div><div><div>Embedded in Life<br/>An IXYS Company</div></div><div><b>Z8F0231QH020EG</b><br/>Manufacturers: Zilog<br/>Description: IC MCU 8BIT 2KB FLASH 20QFN<br/>In stock: 95076 pcs</div><div>RFQ</div></div>  | <div><div><div>Embedded in Life<br/>An IXYS Company</div></div><div><b>Z8F0411HH020EG</b><br/>Manufacturers: Zilog<br/>Description: IC MCU 8BIT 4KB FLASH 20SSOP<br/>In stock: 28008 pcs</div><div>RFQ</div></div>    |
| <div><div><div>Embedded in Life<br/>An IXYS Company</div></div><div><b>Z8F0231QH020SG</b><br/>Manufacturers: Zilog<br/>Description: IC MCU 8BIT 2KB FLASH 20QFN<br/>In stock: 46860 pcs</div><div>RFQ</div></div>  | <div><div><div>Embedded in Life<br/>An IXYS Company</div></div><div><b>Z8F0231PJ020EG</b><br/>Manufacturers: Zilog<br/>Description: IC MCU 8BIT 2KB FLASH 28DIP<br/>In stock: 72734 pcs</div><div>RFQ</div></div>     |