



Embedded in Life  
An IXYS Company

Zilog



Embedded  
An IXYS Company

Z8F0830SH020SG

|                     |                                                                                                                                                                                                                                             |
|---------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number:        | Z8F0830SH020SG                                                                                                                                                                                                                              |
| Manufacturer/Brand: | Zilog                                                                                                                                                                                                                                       |
| Product description | IC MCU 8BIT 8KB FLASH 20SOIC                                                                                                                                                                                                                |
| Datasheets:         | <div><div>1.Z8F0830SH020SG.pdf</div><div>2.Z8F0830SH020SG.pdf</div></div> |
| RoHs Status         | <div>Lead free / RoHS Compliant</div>                                                                                                                      |
| Stock Condition     | 34727 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.

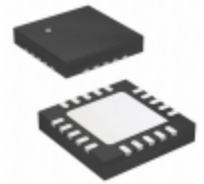
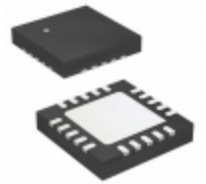
Specifications of Z8F0830SH020SG

|                                  |                                                                                                                                                                                                                                                 |
|----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | Z8F0830SH020SG                                                                                                                                                                                                                                  |
| MANUFACTURER                     | Zilog                                                                                                                                                                                                                                           |
| DESCRIPTION                      | IC MCU 8BIT 8KB FLASH 20SOIC                                                                                                                                                                                                                    |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                      |
| QUANTITY AVAILABLE               | 34727 pcs                                                                                                                                                                                                                                       |
| DATA SHEET                       | <div><div>1.Z8F0830SH020SG.pdf</div><div>2.Z8F0830SH020SG.pdf</div></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              | 8KB (8K x 8)                                                                                                                                                                                                                                    |
| PERIPHERALS                      | Brown-out Detect/Reset, LED, POR, PWM, WDT                                                                                                                                                                                                      |
| PACKAGING                        | Tube                                                                                                                                                                                                                                            |
| PACKAGE / CASE                   | 20-SOIC (0.295", 7.50mm Width)                                                                                                                                                                                                                  |
| OTHER NAMES                      | 269-4529                                                                                                                                                                                                                                        |
| OSCILLATOR TYPE                  | Internal                                                                                                                                                                                                                                        |
| OPERATING TEMPERATURE            | 0°C ~ 70°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 8KB (8K x 8) FLASH                                                                                                                                                                                  |
| DATA CONVERTERS                  | A/D 7x10b                                                                                                                                                                                                                                       |
| CORE SIZE                        | 8-Bit                                                                                                                                                                                                                                           |
| CORE PROCESSOR                   | eZ8                                                                                                                                                                                                                                             |
| CONNECTIVITY                     | -                                                                                                                                                                                                                                               |
| BASE PART NUMBER                 | Z8F0830                                                                                                                                                                                                                                         |

Related Tags

|                              |                                   |                          |
|------------------------------|-----------------------------------|--------------------------|
| Zilog Z8F0830SH020SG         | Z8F0830SH020SG Distributor        | Z8F0830SH020SG Supplier  |
| Z8F0830SH020SG Price         | Z8F0830SH020SG Pictures           | Z8F0830SH020SG Image     |
| Z8F0830SH020SG PDF Datasheet | Z8F0830SH020SG Download Datasheet | Z8F0830SH020SG Datasheet |
| Z8F0830SH020SG Stock         | Buy Z8F0830SH020SG                | Buy Zilog Z8F0830SH020SG |
| Zilog Z8F0830SH020SG         | Zilog Supplier                    | Zilog Distributor        |
| Zilog Z8F0830SH020SG         |                                   |                          |

Related Products

|                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                      |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div><div><div>Embedded in Life<br/>An IXYS Company</div></div><div>Z8F0831HJ020SG</div><div>Manufacturers: Zilog<br/>Description: IC MCU 8BIT 8KB FLASH 28SSOP<br/>In stock: 37581 pcs</div><div>RFQ</div></div> | <div><div><div>Embedded in Life<br/>An IXYS Company</div></div><div>Z8F0831HH020SG</div><div>Manufacturers: Zilog<br/>Description: IC MCU 8BIT 8KB FLASH 20SSOP<br/>In stock: 39536 pcs</div><div>RFQ</div></div> |
| <div><div><div>Embedded in Life<br/>An IXYS Company</div></div><div>Z8F0830PJ020SG</div><div>Manufacturers: Zilog<br/>Description: IC MCU 8BIT 8KB FLASH 28DIP<br/>In stock: 54750 pcs</div><div>RFQ</div></div>  | <div><div><div>Embedded in Life<br/>An IXYS Company</div></div><div>Z8F0831HH020EG</div><div>Manufacturers: Zilog<br/>Description: IC MCU 8BIT 8KB FLASH 20SSOP<br/>In stock: 46090 pcs</div><div>RFQ</div></div> |
| <div><div><div>Embedded in Life<br/>An IXYS Company</div></div><div>Z8F0831HJ020EG</div><div>Manufacturers: Zilog<br/>Description: IC MCU 8BIT 8KB FLASH 28SSOP<br/>In stock: 37989 pcs</div><div>RFQ</div></div> | <div><div><div>Embedded in Life<br/>An IXYS Company</div></div><div>Z8F0830QJ020SG</div><div>Manufacturers: Zilog<br/>Description: IC MCU 8BIT 8KB FLASH 28QFN<br/>In stock: 65554 pcs</div><div>RFQ</div></div>  |
| <div><div><div>Embedded in Life<br/>An IXYS Company</div></div><div>Z8F0830QJ020EG</div><div>Manufacturers: Zilog<br/>Description: IC MCU 8BIT 8KB FLASH 28QFN<br/>In stock: 77715 pcs</div><div>RFQ</div></div>  | <div><div><div>Embedded in Life<br/>An IXYS Company</div></div><div>Z8F0830SJ020EG</div><div>Manufacturers: Zilog<br/>Description: IC MCU 8BIT 8KB FLASH 28SOIC<br/>In stock: 38060 pcs</div><div>RFQ</div></div> |
| <div><div><div>Embedded in Life<br/>An IXYS Company</div></div><div>Z8F0830QH020EG</div><div>Manufacturers: Zilog<br/>Description: IC MCU 8BIT 8KB FLASH 20QFN<br/>In stock: 75428 pcs</div><div>RFQ</div></div>  | <div><div><div>Embedded in Life<br/>An IXYS Company</div></div><div>Z8F0830QH020SG</div><div>Manufacturers: Zilog<br/>Description: IC MCU 8BIT 8KB FLASH 20QFN<br/>In stock: 36856 pcs</div><div>RFQ</div></div>  |
| <div><div><div>Embedded in Life<br/>An IXYS Company</div></div><div>Z8F0830SH020EG</div><div>Manufacturers: Zilog<br/>Description: IC MCU 8BIT 8KB FLASH 20SOIC<br/>In stock: 39184 pcs</div><div>RFQ</div></div> | <div><div><div>Embedded in Life<br/>An IXYS Company</div></div><div>Z8F0830SJ020SG</div><div>Manufacturers: Zilog<br/>Description: IC MCU 8BIT 8KB FLASH 28SOIC<br/>In stock: 42370 pcs</div><div>RFQ</div></div> |