



Embedded in Life  
An IXYS Company

Zilog



Z8F1232HH020SG

|                     |                                                                                                                                                                                                                  |
|---------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number:        | Z8F1232HH020SG                                                                                                                                                                                                   |
| Manufacturer/Brand: | Zilog                                                                                                                                                                                                            |
| Product description | IC MCU 8BIT 12KB FLASH 20SSOP                                                                                                                                                                                    |
| Datasheets:         |  1.Z8F1232HH020SG.pdf<br> 2.Z8F1232HH020SG.pdf |
| RoHs Status         |  Lead free / RoHS Compliant                                                                                                     |
| Stock Condition     | 57393 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 Z8F1232HH020SG

|                                  |                                                                                                                                                                                                                      |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | Z8F1232HH020SG                                                                                                                                                                                                       |
| MANUFACTURER                     | Zilog                                                                                                                                                                                                                |
| DESCRIPTION                      | IC MCU 8BIT 12KB FLASH 20SSOP                                                                                                                                                                                        |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                           |
| QUANTITY AVAILABLE               | 57393 pcs                                                                                                                                                                                                            |
| DATA SHEET                       |  1.Z8F1232HH020SG.pdf<br> 2.Z8F1232HH020SG.pdf |
| 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              | 12KB (12K x 8)                                                                                                                                                                                                       |
| PERIPHERALS                      | Brown-out Detect/Reset, LED, POR, PWM, WDT                                                                                                                                                                           |
| PACKAGING                        | Tube                                                                                                                                                                                                                 |
| PACKAGE / CASE                   | 20-SSOP (0.209", 5.30mm Width)                                                                                                                                                                                       |
| OTHER NAMES                      | 269-4644-5                                                                                                                                                                                                           |
| 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 12KB (12K x 8) FLASH                                                                                                                                                     |
| DATA CONVERTERS                  | A/D 7x10b                                                                                                                                                                                                            |
| CORE SIZE                        | 8-Bit                                                                                                                                                                                                                |
| CORE PROCESSOR                   | eZ8                                                                                                                                                                                                                  |
| CONNECTIVITY                     | -                                                                                                                                                                                                                    |
| BASE PART NUMBER                 | Z8F1232                                                                                                                                                                                                              |

Related Tags

|                              |                                   |                          |
|------------------------------|-----------------------------------|--------------------------|
| Zilog Z8F1232HH020SG         | Z8F1232HH020SG Distributor        | Z8F1232HH020SG Supplier  |
| Z8F1232HH020SG Price         | Z8F1232HH020SG Pictures           | Z8F1232HH020SG Image     |
| Z8F1232HH020SG PDF Datasheet | Z8F1232HH020SG Download Datasheet | Z8F1232HH020SG Datasheet |
| Z8F1232HH020SG Stock         | Buy Z8F1232HH020SG                | Buy Zilog Z8F1232HH020SG |
| Zilog Z8F1232HH020SG         | Zilog Supplier                    | Zilog Distributor        |
| Zilog Z8F1232HH020SG         |                                   |                          |

Related Products

|                                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                                                              |
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| <div><div>Embedded in Life<br/>An IXYS Company</div></div> <div><b>Z8F1232HJ020EG</b><br/>Manufacturers: Zilog<br/>Description: IC MCU 8BIT 12KB FLASH 28SSOP<br/>In stock: 29145 pcs</div> <div>RFQ</div> | <div><div>Embedded in Life<br/>An IXYS Company</div></div> <div><b>Z8F1232PJ020SG</b><br/>Manufacturers: Zilog<br/>Description: IC MCU 8BIT 12KB FLASH 28DIP<br/>In stock: 26770 pcs</div> <div>RFQ</div> |
| <div><div>Embedded in Life<br/>An IXYS Company</div></div> <div><b>Z8F1232HH020EG</b><br/>Manufacturers: Zilog<br/>Description: IC MCU 8BIT 12KB FLASH 20SSOP<br/>In stock: 29063 pcs</div> <div>RFQ</div> | <div></div> <div><b>Z8F08A28100KITG</b><br/>Manufacturers: Zilog<br/>Description: KIT DEV Z8 ENCORE XP 28-PIN<br/>In stock: 2051 pcs</div> <div>RFQ</div>                                                 |
| <div><div>Embedded in Life<br/>An IXYS Company</div></div> <div><b>Z8F0880SH020SG</b><br/>Manufacturers: Zilog<br/>Description: IC MCU 8BIT 8KB FLASH 20SOIC<br/>In stock: 30515 pcs</div> <div>RFQ</div>  | <div></div> <div><b>Z8F1232PH020EG</b><br/>Manufacturers: Zilog<br/>Description: IC MCU 8BIT 12KB FLASH 20DIP<br/>In stock: 50882 pcs</div> <div>RFQ</div>                                                |
| <div><div>Embedded in Life<br/>An IXYS Company</div></div> <div><b>Z8F1232HJ020SG</b><br/>Manufacturers: Zilog<br/>Description: IC MCU 8BIT 12KB FLASH 28SSOP<br/>In stock: 52481 pcs</div> <div>RFQ</div> | <div><div>Embedded in Life<br/>An IXYS Company</div></div> <div><b>Z8F0880SJ020EG</b><br/>Manufacturers: Zilog<br/>Description: IC MCU 8BIT 8KB FLASH 28SOIC<br/>In stock: 40539 pcs</div> <div>RFQ</div> |
| <div></div> <div><b>Z8F1232PH020SG</b><br/>Manufacturers: Zilog<br/>Description: IC MCU 8BIT 12KB FLASH 20DIP<br/>In stock: 32290 pcs</div> <div>RFQ</div>                                                 | <div><div>Embedded in Life<br/>An IXYS Company</div></div> <div><b>Z8F08A28100KIT</b><br/>Manufacturers: Zilog<br/>Description: KIT DEV Z8 ENCORE XP 28-PIN<br/>In stock: 2737 pcs</div> <div>RFQ</div>   |
| <div><div>Embedded in Life<br/>An IXYS Company</div></div> <div><b>Z8F1232PJ020EG</b><br/>Manufacturers: Zilog<br/>Description: IC MCU 8BIT 12KB FLASH 28DIP<br/>In stock: 48807 pcs</div> <div>RFQ</div>  | <div><div>Embedded in Life<br/>An IXYS Company</div></div> <div><b>Z8F0880SJ020SG</b><br/>Manufacturers: Zilog<br/>Description: IC MCU 8BIT 8KB FLASH 28SOIC<br/>In stock: 35221 pcs</div> <div>RFQ</div> |