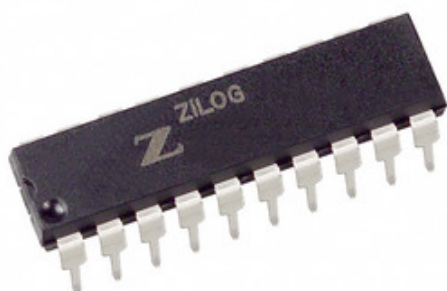




Embedded in Life  
An IXYS Company

Zilog



Z8F0831PH020EG

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | Z8F0831PH020EG                                                                                               |
| Manufacturer/Brand: | Zilog                                                                                                        |
| Product description | IC MCU 8BIT 8KB FLASH 20DIP                                                                                  |
| Datasheets:         |  1.Z8F0831PH020EG.pdf       |
|                     |  2.Z8F0831PH020EG.pdf       |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 81440 pcs stock                                                                                              |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

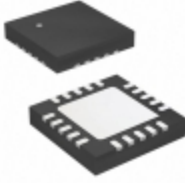
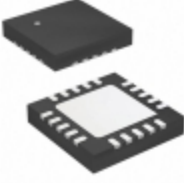
Specifications of Z8F0831PH020EG

|                                  |                                                                                                          |
|----------------------------------|----------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | Z8F0831PH020EG                                                                                           |
| MANUFACTURER                     | Zilog                                                                                                    |
| DESCRIPTION                      | IC MCU 8BIT 8KB FLASH 20DIP                                                                              |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                               |
| QUANTITY AVAILABLE               | 81440 pcs                                                                                                |
| DATA SHEET                       |  1.Z8F0831PH020EG.pdf |
|                                  |  2.Z8F0831PH020EG.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              | 8KB (8K x 8)                                                                                             |
| PERIPHERALS                      | Brown-out Detect/Reset, LED, POR, PWM, WDT                                                               |
| PACKAGING                        | Tube                                                                                                     |
| PACKAGE / CASE                   | 20-DIP (0.300", 7.62mm)                                                                                  |
| 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 8KB (8K x 8) FLASH                                           |
| DATA CONVERTERS                  | -                                                                                                        |
| CORE SIZE                        | 8-Bit                                                                                                    |
| CORE PROCESSOR                   | eZ8                                                                                                      |
| CONNECTIVITY                     | -                                                                                                        |
| BASE PART NUMBER                 | Z8F0831                                                                                                  |

Related Tags

|                              |                                   |                          |
|------------------------------|-----------------------------------|--------------------------|
| Zilog Z8F0831PH020EG         | Z8F0831PH020EG Distributor        | Z8F0831PH020EG Supplier  |
| Z8F0831PH020EG Price         | Z8F0831PH020EG Pictures           | Z8F0831PH020EG Image     |
| Z8F0831PH020EG PDF Datasheet | Z8F0831PH020EG Download Datasheet | Z8F0831PH020EG Datasheet |
| Z8F0831PH020EG Stock         | Buy Z8F0831PH020EG                | Buy Zilog Z8F0831PH020EG |
| Zilog Z8F0831PH020EG         | Zilog Supplier                    | Zilog Distributor        |
| Zilog Z8F0831PH020EG         |                                   |                          |

Related Products

|                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                                              |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div><div>Embedded in Life<br/>An IXYS Company</div></div> <div><b>Z8F0830SJ020EG</b><br/>Manufacturers: Zilog<br/>Description: IC MCU 8BIT 8KB FLASH 28SOIC<br/>In stock: 38060 pcs</div> <div>RFQ</div> | <div><div>Embedded in Life<br/>An IXYS Company</div></div> <div><b>Z8F0830SJ020SG</b><br/>Manufacturers: Zilog<br/>Description: IC MCU 8BIT 8KB FLASH 28SOIC<br/>In stock: 42370 pcs</div> <div>RFQ</div> |
| <div><div>Embedded in Life<br/>An IXYS Company</div></div> <div><b>Z8F0831PJ020EG</b><br/>Manufacturers: Zilog<br/>Description: IC MCU 8BIT 8KB FLASH 28DIP<br/>In stock: 59693 pcs</div> <div>RFQ</div>  | <div><div>Embedded in Life<br/>An IXYS Company</div></div> <div><b>Z8F0831QJ020EG</b><br/>Manufacturers: Zilog<br/>Description: IC MCU 8BIT 8KB FLASH 28QFN<br/>In stock: 80778 pcs</div> <div>RFQ</div>  |
| <div></div> <div><b>Z8F0831QH020EG</b><br/>Manufacturers: Zilog<br/>Description: IC MCU 8BIT 8KB FLASH 20QFN<br/>In stock: 85481 pcs</div> <div>RFQ</div>                                                 | <div><div>Embedded in Life<br/>An IXYS Company</div></div> <div><b>Z8F0831HJ020SG</b><br/>Manufacturers: Zilog<br/>Description: IC MCU 8BIT 8KB FLASH 28SSOP<br/>In stock: 37581 pcs</div> <div>RFQ</div> |
| <div><div>Embedded in Life<br/>An IXYS Company</div></div> <div><b>Z8F0831HJ020EG</b><br/>Manufacturers: Zilog<br/>Description: IC MCU 8BIT 8KB FLASH 28SSOP<br/>In stock: 37989 pcs</div> <div>RFQ</div> | <div></div> <div><b>Z8F0831QH020SG</b><br/>Manufacturers: Zilog<br/>Description: IC MCU 8BIT 8KB FLASH 20QFN<br/>In stock: 77174 pcs</div> <div>RFQ</div>                                                 |
| <div><div>Embedded in Life<br/>An IXYS Company</div></div> <div><b>Z8F0831HH020SG</b><br/>Manufacturers: Zilog<br/>Description: IC MCU 8BIT 8KB FLASH 20SSOP<br/>In stock: 39536 pcs</div> <div>RFQ</div> | <div></div> <div><b>Z8F0831PH020SG</b><br/>Manufacturers: Zilog<br/>Description: IC MCU 8BIT 8KB FLASH 20DIP<br/>In stock: 39112 pcs</div> <div>RFQ</div>                                                 |
| <div><div>Embedded in Life<br/>An IXYS Company</div></div> <div><b>Z8F0831HH020EG</b><br/>Manufacturers: Zilog<br/>Description: IC MCU 8BIT 8KB FLASH 20SSOP<br/>In stock: 46090 pcs</div> <div>RFQ</div> | <div><div>Embedded in Life<br/>An IXYS Company</div></div> <div><b>Z8F0831PJ020SG</b><br/>Manufacturers: Zilog<br/>Description: IC MCU 8BIT 8KB FLASH 28DIP<br/>In stock: 34832 pcs</div> <div>RFQ</div>  |