



Embedded in Life  
An IXYS Company

Zilog



Z8F0880QN020EG

|                     |                                                                                                                      |
|---------------------|----------------------------------------------------------------------------------------------------------------------|
| Part Number:        | Z8F0880QN020EG                                                                                                       |
| Manufacturer/Brand: | Zilog                                                                                                                |
| Product description | IC MCU 8BIT 8KB FLASH 44QFN                                                                                          |
|                     |  1.Z8F0880QN020EG.pdf               |
|                     |  2.Z8F0880QN020EG.pdf               |
| Datasheets:         |                                                                                                                      |
| RoHs Status         |  Contains lead / RoHS non-compliant |
| Stock Condition     | 33278 pcs stock                                                                                                      |
| Ship From           | Hong Kong                                                                                                            |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                |

REQUEST FOR QUOTATION

Specifications of Z8F0880QN020EG

|                                  |                                                                                                                                                                                                                      |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | Z8F0880QN020EG                                                                                                                                                                                                       |
| MANUFACTURER                     | Zilog                                                                                                                                                                                                                |
| DESCRIPTION                      | IC MCU 8BIT 8KB FLASH 44QFN                                                                                                                                                                                          |
| LEAD FREE STATUS / ROHS STATUS   | Contains lead / RoHS non-compliant                                                                                                                                                                                   |
| QUANTITY AVAILABLE               | 33278 pcs                                                                                                                                                                                                            |
| DATA SHEET                       |  1.Z8F0880QN020EG.pdf<br> 2.Z8F0880QN020EG.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 1.8 V ~ 3.6 V                                                                                                                                                                                                        |
| SPEED                            | 20MHz                                                                                                                                                                                                                |
| SERIES                           | Encore!® XP®                                                                                                                                                                                                         |
| RAM SIZE                         | 2K x 8                                                                                                                                                                                                               |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                                                                                                                                |
| PROGRAM MEMORY SIZE              | 8KB (8K x 8)                                                                                                                                                                                                         |
| PERIPHERALS                      | Brown-out Detect/Reset, LED, LVD, POR, PWM, Temp Sensor, WDT                                                                                                                                                         |
| PACKAGING                        | Tube                                                                                                                                                                                                                 |
| PACKAGE / CASE                   | 44-VFQFN Exposed Pad                                                                                                                                                                                                 |
| OSCILLATOR TYPE                  | Internal                                                                                                                                                                                                             |
| OPERATING TEMPERATURE            | -40°C ~ 105°C (TA)                                                                                                                                                                                                   |
| NUMBER OF I/O                    | 37                                                                                                                                                                                                                   |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                                                                                                                        |
| LEAD FREE STATUS / ROHS STATUS   | Contains lead / RoHS non-compliant                                                                                                                                                                                   |
| EEPROM SIZE                      | -                                                                                                                                                                                                                    |
| DETAILED DESCRIPTION             | eZ8 Encore!® XP® Microcontroller IC 8-Bit 20MHz 8KB (8K x 8) FLASH                                                                                                                                                   |
| DATA CONVERTERS                  | A/D 8x10b                                                                                                                                                                                                            |
| CORE SIZE                        | 8-Bit                                                                                                                                                                                                                |
| CORE PROCESSOR                   | eZ8                                                                                                                                                                                                                  |
| CONNECTIVITY                     | I²C, IrDA, LINbus, SPI, UART/USART                                                                                                                                                                                   |
| BASE PART NUMBER                 | Z8F0880                                                                                                                                                                                                              |

Related Tags

|                              |                                   |                          |
|------------------------------|-----------------------------------|--------------------------|
| Zilog Z8F0880QN020EG         | Z8F0880QN020EG Distributor        | Z8F0880QN020EG Supplier  |
| Z8F0880QN020EG Price         | Z8F0880QN020EG Pictures           | Z8F0880QN020EG Image     |
| Z8F0880QN020EG PDF Datasheet | Z8F0880QN020EG Download Datasheet | Z8F0880QN020EG Datasheet |
| Z8F0880QN020EG Stock         | Buy Z8F0880QN020EG                | Buy Zilog Z8F0880QN020EG |
| Zilog Z8F0880QN020EG         | Zilog Supplier                    | Zilog Distributor        |
| Zilog Z8F0880QN020EG         |                                   |                          |

Related Products

|                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                                              |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <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>Z8F0880PM020EG</b><br/>Manufacturers: Zilog<br/>Description: IC MCU 8BIT 8KB FLASH 40DIP<br/>In stock: 29806 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>Embedded in Life<br/>An IXYS Company</div></div> <div><b>Z8F0880PH020SG</b><br/>Manufacturers: Zilog<br/>Description: IC MCU 8BIT 8KB FLASH 20DIP<br/>In stock: 32499 pcs</div> <div>RFQ</div>  |
| <div></div> <div><b>Z8F0880QN020SG</b><br/>Manufacturers: Zilog<br/>Description: IC MCU 8BIT 8KB FLASH 44QFN<br/>In stock: 38502 pcs</div> <div>RFQ</div>                                                 | <div></div> <div><b>Z8F0880PM020SG</b><br/>Manufacturers: Zilog<br/>Description: IC MCU 8BIT 8KB FLASH 40DIP<br/>In stock: 34319 pcs</div> <div>RFQ</div>                                                 |
| <div><div>Embedded in Life<br/>An IXYS Company</div></div> <div><b>Z8F0880PJ020SG</b><br/>Manufacturers: Zilog<br/>Description: IC MCU 8BIT 8KB FLASH 28DIP<br/>In stock: 36692 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>Z8F0880PH020EG</b><br/>Manufacturers: Zilog<br/>Description: IC MCU 8BIT 8KB FLASH 20DIP<br/>In stock: 40696 pcs</div> <div>RFQ</div>  | <div><div>Embedded in Life<br/>An IXYS Company</div></div> <div><b>Z8F0880SH020EG</b><br/>Manufacturers: Zilog<br/>Description: IC MCU 8BIT 8KB FLASH 20SOIC<br/>In stock: 39087 pcs</div> <div>RFQ</div> |
| <div><div>Embedded in Life<br/>An IXYS Company</div></div> <div><b>Z8F0880PJ020EG</b><br/>Manufacturers: Zilog<br/>Description: IC MCU 8BIT 8KB FLASH 28DIP<br/>In stock: 33578 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> |