



Embedded in Life  
An IXYS Company

Zilog



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Z8F083ASH020EG

|                     |                                                                                                                      |
|---------------------|----------------------------------------------------------------------------------------------------------------------|
| Part Number:        | Z8F083ASH020EG                                                                                                       |
| Manufacturer/Brand: | Zilog                                                                                                                |
| Product description | IC MCU 8BIT 8KB FLASH 20SOIC                                                                                         |
| Datasheets:         | <a href="#">1.Z8F083ASH020EG.pdf</a><br><a href="#">2.Z8F083ASH020EG.pdf</a><br><a href="#">3.Z8F083ASH020EG.pdf</a> |
| RoHs Status         |  Lead free / RoHS Compliant         |
| Stock Condition     | 32836 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.

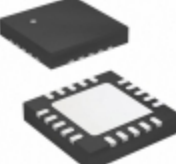
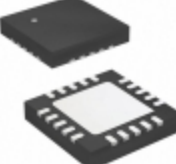
Specifications of Z8F083ASH020EG

|                                  |                                                                                                                      |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | Z8F083ASH020EG                                                                                                       |
| MANUFACTURER                     | Zilog                                                                                                                |
| DESCRIPTION                      | IC MCU 8BIT 8KB FLASH 20SOIC                                                                                         |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                           |
| QUANTITY AVAILABLE               | 32836 pcs                                                                                                            |
| DATA SHEET                       | <a href="#">1.Z8F083ASH020EG.pdf</a><br><a href="#">2.Z8F083ASH020EG.pdf</a><br><a href="#">3.Z8F083ASH020EG.pdf</a> |
| VOLTAGE - SUPPLY (VCC/VDD)       | 2.7 V ~ 3.6 V                                                                                                        |
| SUPPLIER DEVICE PACKAGE          | 20-SOIC                                                                                                              |
| 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                      | 269-4556-5                                                                                                           |
| 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 20-SOIC                                               |
| DATA CONVERTERS                  | A/D 7x10b                                                                                                            |
| CORE SIZE                        | 8-Bit                                                                                                                |
| CORE PROCESSOR                   | eZ8                                                                                                                  |
| CONNECTIVITY                     | -                                                                                                                    |
| BASE PART NUMBER                 | Z8F083A                                                                                                              |

Related Tags

|                              |                                   |                          |
|------------------------------|-----------------------------------|--------------------------|
| Zilog Z8F083ASH020EG         | Z8F083ASH020EG Distributor        | Z8F083ASH020EG Supplier  |
| Z8F083ASH020EG Price         | Z8F083ASH020EG Pictures           | Z8F083ASH020EG Image     |
| Z8F083ASH020EG PDF Datasheet | Z8F083ASH020EG Download Datasheet | Z8F083ASH020EG Datasheet |
| Z8F083ASH020EG Stock         | Buy Z8F083ASH020EG                | Buy Zilog Z8F083ASH020EG |
| Zilog Z8F083ASH020EG         | Zilog Supplier                    | Zilog Distributor        |
| Zilog Z8F083ASH020EG         |                                   |                          |

Related Products

|                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                       |
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| <div><div>Embedded in Life<br/>An IXYS Company</div></div> <div><b>Z8F083APJ020EG</b><br/>Manufacturers: Zilog<br/>Description: IC MCU 8BIT 8KB FLASH 28DIP<br/>In stock: 32516 pcs<br/>RFQ</div>  | <div><div>Embedded in Life<br/>An IXYS Company</div></div> <div><b>Z8F083AQJ020EG</b><br/>Manufacturers: Zilog<br/>Description: IC MCU 8BIT 8KB FLASH 28QFN<br/>In stock: 78547 pcs<br/>RFQ</div>  |
| <div><div>Embedded in Life<br/>An IXYS Company</div></div> <div><b>Z8F083APJ020SG</b><br/>Manufacturers: Zilog<br/>Description: IC MCU 8BIT 8KB FLASH 28DIP<br/>In stock: 43555 pcs<br/>RFQ</div>  | <div></div> <div><b>Z8F0880AN020SG</b><br/>Manufacturers: Zilog<br/>Description: IC MCU 8BIT 8KB FLASH 44LQFP<br/>In stock: 39060 pcs<br/>RFQ</div>                                                |
| <div><div>Embedded in Life<br/>An IXYS Company</div></div> <div><b>Z8F083AQJ020SG</b><br/>Manufacturers: Zilog<br/>Description: IC MCU 8BIT 8KB FLASH 28QFN<br/>In stock: 73256 pcs<br/>RFQ</div>  | <div></div> <div><b>Z8F083AQH020SG</b><br/>Manufacturers: Zilog<br/>Description: IC MCU 8BIT 8KB FLASH 20QFN<br/>In stock: 70448 pcs<br/>RFQ</div>                                                 |
| <div><div>Embedded in Life<br/>An IXYS Company</div></div> <div><b>Z8F083ASH020SG</b><br/>Manufacturers: Zilog<br/>Description: IC MCU 8BIT 8KB FLASH 20SOIC<br/>In stock: 40603 pcs<br/>RFQ</div> | <div><div>Embedded in Life<br/>An IXYS Company</div></div> <div><b>Z8F083ASJ020SG</b><br/>Manufacturers: Zilog<br/>Description: IC MCU 8BIT 8KB FLASH 28SOIC<br/>In stock: 71245 pcs<br/>RFQ</div> |
| <div></div> <div><b>Z8F0880AN020EG</b><br/>Manufacturers: Zilog<br/>Description: IC MCU 8BIT 8KB FLASH 44LQFP<br/>In stock: 37446 pcs<br/>RFQ</div>                                                | <div><div>Embedded in Life<br/>An IXYS Company</div></div> <div><b>Z8F0880HH020EG</b><br/>Manufacturers: Zilog<br/>Description: IC MCU 8BIT 8KB FLASH 20SSOP<br/>In stock: 33481 pcs<br/>RFQ</div> |
| <div></div> <div><b>Z8F083AQH020EG</b><br/>Manufacturers: Zilog<br/>Description: IC MCU 8BIT 8KB FLASH 20QFN<br/>In stock: 78215 pcs<br/>RFQ</div>                                                 | <div><div>Embedded in Life<br/>An IXYS Company</div></div> <div><b>Z8F083ASJ020EG</b><br/>Manufacturers: Zilog<br/>Description: IC MCU 8BIT 8KB FLASH 28SOIC<br/>In stock: 41338 pcs<br/>RFQ</div> |