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An IXYS Company

Zilog



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Z8F1602AR020SC

|                     |                                                                                                                      |
|---------------------|----------------------------------------------------------------------------------------------------------------------|
| Part Number:        | Z8F1602AR020SC                                                                                                       |
| Manufacturer/Brand: | Zilog                                                                                                                |
| Product description | IC MCU 8BIT 16KB FLASH 64LQFP                                                                                        |
|                     |  1.Z8F1602AR020SC.pdf               |
|                     |  2.Z8F1602AR020SC.pdf               |
| Datasheets:         |                                                                                                                      |
| RoHs Status         |  Contains lead / RoHS non-compliant |
| Stock Condition     | 6149 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 Z8F1602AR020SC

|                                  |                                                                                                                                                                                                                      |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | Z8F1602AR020SC                                                                                                                                                                                                       |
| MANUFACTURER                     | Zilog                                                                                                                                                                                                                |
| DESCRIPTION                      | IC MCU 8BIT 16KB FLASH 64LQFP                                                                                                                                                                                        |
| LEAD FREE STATUS / ROHS STATUS   | Contains lead / RoHS non-compliant                                                                                                                                                                                   |
| QUANTITY AVAILABLE               | 6149 pcs                                                                                                                                                                                                             |
| DATA SHEET                       |  1.Z8F1602AR020SC.pdf<br> 2.Z8F1602AR020SC.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 3 V ~ 3.6 V                                                                                                                                                                                                          |
| SPEED                            | 20MHz                                                                                                                                                                                                                |
| SERIES                           | Encore!®                                                                                                                                                                                                             |
| RAM SIZE                         | 2K x 8                                                                                                                                                                                                               |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                                                                                                                                |
| PROGRAM MEMORY SIZE              | 16KB (16K x 8)                                                                                                                                                                                                       |
| PERIPHERALS                      | Brown-out Detect/Reset, DMA, POR, PWM, WDT                                                                                                                                                                           |
| PACKAGING                        | Tray                                                                                                                                                                                                                 |
| PACKAGE / CASE                   | 64-LQFP                                                                                                                                                                                                              |
| OTHER NAMES                      | 269-3130                                                                                                                                                                                                             |
| OSCILLATOR TYPE                  | Internal                                                                                                                                                                                                             |
| OPERATING TEMPERATURE            | 0°C ~ 70°C (TA)                                                                                                                                                                                                      |
| NUMBER OF I/O                    | 46                                                                                                                                                                                                                   |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                                                                                                                        |
| LEAD FREE STATUS / ROHS STATUS   | Contains lead / RoHS non-compliant                                                                                                                                                                                   |
| EEPROM SIZE                      | -                                                                                                                                                                                                                    |
| DETAILED DESCRIPTION             | eZ8 Encore!® Microcontroller IC 8-Bit 20MHz 16KB (16K x 8) FLASH                                                                                                                                                     |
| DATA CONVERTERS                  | A/D 12x10b                                                                                                                                                                                                           |
| CORE SIZE                        | 8-Bit                                                                                                                                                                                                                |
| CORE PROCESSOR                   | eZ8                                                                                                                                                                                                                  |
| CONNECTIVITY                     | I²C, IrDA, SPI, UART/USART                                                                                                                                                                                           |
| BASE PART NUMBER                 | Z8F1602                                                                                                                                                                                                              |

Related Tags

|                              |                                   |                          |
|------------------------------|-----------------------------------|--------------------------|
| Zilog Z8F1602AR020SC         | Z8F1602AR020SC Distributor        | Z8F1602AR020SC Supplier  |
| Z8F1602AR020SC Price         | Z8F1602AR020SC Pictures           | Z8F1602AR020SC Image     |
| Z8F1602AR020SC PDF Datasheet | Z8F1602AR020SC Download Datasheet | Z8F1602AR020SC Datasheet |
| Z8F1602AR020SC Stock         | Buy Z8F1602AR020SC                | Buy Zilog Z8F1602AR020SC |
| Zilog Z8F1602AR020SC         | Zilog Supplier                    | Zilog Distributor        |
| Zilog Z8F1602AR020SC         |                                   |                          |

Related Products

|                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                  |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div><div>Embedded in Life<br/>An IXYS Company</div></div> <div><b>Z8F1602AR020EC00TR</b><br/>Manufacturers: Zilog<br/>Description: IC MCU 8BIT 16KB FLASH 64LQFP<br/>In stock: 3780 pcs</div> <div>RFQ</div> | <div><div>Embedded in Life<br/>An IXYS Company</div></div> <div><b>Z8F1601VN020EC00TR</b><br/>Manufacturers: Zilog<br/>Description: IC MCU 8BIT 16KB FLASH 44PLCC<br/>In stock: 5762 pcs</div> <div>RFQ</div> |
| <div><div>Embedded in Life<br/>An IXYS Company</div></div> <div><b>Z8F1602VS020SC00TR</b><br/>Manufacturers: Zilog<br/>Description: IC MCU 8BIT 16KB FLASH 68PLCC<br/>In stock: 3156 pcs</div> <div>RFQ</div> | <div><div>Embedded in Life<br/>An IXYS Company</div></div> <div><b>Z8F1602AR020SC00TR</b><br/>Manufacturers: Zilog<br/>Description: IC MCU 8BIT 16KB FLASH 64LQFP<br/>In stock: 3005 pcs</div> <div>RFQ</div> |
| <div><div>Embedded in Life<br/>An IXYS Company</div></div> <div><b>Z8F1602VS020SC</b><br/>Manufacturers: Zilog<br/>Description: IC MCU 8BIT 16KB FLASH 68PLCC<br/>In stock: 5369 pcs</div> <div>RFQ</div>     | <div><div>Embedded in Life<br/>An IXYS Company</div></div> <div><b>Z8F1601VN020SC00TR</b><br/>Manufacturers: Zilog<br/>Description: IC MCU 8BIT 16KB FLASH 44PLCC<br/>In stock: 4408 pcs</div> <div>RFQ</div> |
| <div><div>Embedded in Life<br/>An IXYS Company</div></div> <div><b>Z8F1601VN020EC</b><br/>Manufacturers: Zilog<br/>Description: IC MCU 8BIT 16KB FLASH 44PLCC<br/>In stock: 5273 pcs</div> <div>RFQ</div>     | <div><div>Embedded in Life<br/>An IXYS Company</div></div> <div><b>Z8F1602VS020EC</b><br/>Manufacturers: Zilog<br/>Description: IC MCU 8BIT 16KB FLASH 68PLCC<br/>In stock: 4424 pcs</div> <div>RFQ</div>     |
| <div><div>Embedded in Life<br/>An IXYS Company</div></div> <div><b>Z8F1602AR020EC</b><br/>Manufacturers: Zilog<br/>Description: IC MCU 8BIT 16KB FLASH 64LQFP<br/>In stock: 7059 pcs</div> <div>RFQ</div>     | <div><div>Embedded in Life<br/>An IXYS Company</div></div> <div><b>Z8F1621AN020EC</b><br/>Manufacturers: Zilog<br/>Description: IC MCU 8BIT 16KB FLASH 44LQFP<br/>In stock: 3835 pcs</div> <div>RFQ</div>     |
| <div><div>Embedded in Life<br/>An IXYS Company</div></div> <div><b>Z8F1601VN020SC</b><br/>Manufacturers: Zilog<br/>Description: IC MCU 8BIT 16KB FLASH 44PLCC<br/>In stock: 4417 pcs</div> <div>RFQ</div>     | <div><div>Embedded in Life<br/>An IXYS Company</div></div> <div><b>Z8F1602VS020EC00TR</b><br/>Manufacturers: Zilog<br/>Description: IC MCU 8BIT 16KB FLASH 68PLCC<br/>In stock: 3392 pcs</div> <div>RFQ</div> |