



Embedded in Life  
An IXYS Company

Zilog

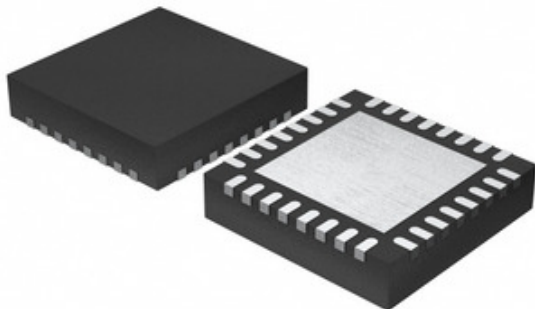


Image may be representation. See specifications for product details.

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | Z8FMC16100QKSG                                                                                               |
| Manufacturer/Brand: | Zilog                                                                                                        |
| Product description | IC MCU 8BIT 16KB FLASH 32QFN                                                                                 |
|                     |  1.Z8FMC16100QKSG.pdf       |
|                     |  2.Z8FMC16100QKSG.pdf       |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 26856 pcs stock                                                                                              |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

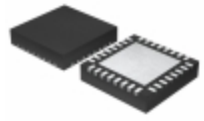
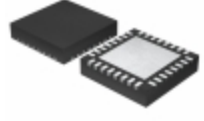
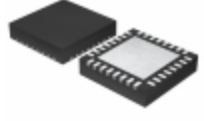
Specifications of Z8FMC16100QKSG

|                                  |                                                                                                                                                                                                                      |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | Z8FMC16100QKSG                                                                                                                                                                                                       |
| MANUFACTURER                     | Zilog                                                                                                                                                                                                                |
| DESCRIPTION                      | IC MCU 8BIT 16KB FLASH 32QFN                                                                                                                                                                                         |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                           |
| QUANTITY AVAILABLE               | 26856 pcs                                                                                                                                                                                                            |
| DATA SHEET                       |  1.Z8FMC16100QKSG.pdf<br> 2.Z8FMC16100QKSG.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 2.7 V ~ 3.6 V                                                                                                                                                                                                        |
| SUPPLIER DEVICE PACKAGE          | 32-QFN (5x5)                                                                                                                                                                                                         |
| SPEED                            | 20MHz                                                                                                                                                                                                                |
| SERIES                           | Encore! <sup>®</sup> MC <sup>™</sup>                                                                                                                                                                                 |
| RAM SIZE                         | 512 x 8                                                                                                                                                                                                              |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                                                                                                                                |
| PROGRAM MEMORY SIZE              | 16KB (16K x 8)                                                                                                                                                                                                       |
| PERIPHERALS                      | Brown-out Detect/Reset, Motor Control PWM, POR, PWM, WDT                                                                                                                                                             |
| PACKAGING                        | Tray                                                                                                                                                                                                                 |
| PACKAGE / CASE                   | 32-VFQFN Exposed Pad                                                                                                                                                                                                 |
| OTHER NAMES                      | 269-3820                                                                                                                                                                                                             |
| OSCILLATOR TYPE                  | Internal                                                                                                                                                                                                             |
| OPERATING TEMPERATURE            | 0°C ~ 70°C (TA)                                                                                                                                                                                                      |
| NUMBER OF I/O                    | 17                                                                                                                                                                                                                   |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                                                                                                                        |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                           |
| EEPROM SIZE                      | -                                                                                                                                                                                                                    |
| DETAILED DESCRIPTION             | eZ8 Encore! <sup>®</sup> MC <sup>™</sup> Microcontroller IC 8-Bit 20MHz 16KB (16K x 8) FLASH 32-QFN (5x5)                                                                                                            |
| DATA CONVERTERS                  | A/D 8x10b                                                                                                                                                                                                            |
| CORE SIZE                        | 8-Bit                                                                                                                                                                                                                |
| CORE PROCESSOR                   | eZ8                                                                                                                                                                                                                  |
| CONNECTIVITY                     | I <sup>2</sup> C, IrDA, LINbus, SPI, UART/USART                                                                                                                                                                      |
| BASE PART NUMBER                 | Z8FMC16                                                                                                                                                                                                              |

Related Tags

|                              |                                   |                          |
|------------------------------|-----------------------------------|--------------------------|
| Zilog Z8FMC16100QKSG         | Z8FMC16100QKSG Distributor        | Z8FMC16100QKSG Supplier  |
| Z8FMC16100QKSG Price         | Z8FMC16100QKSG Pictures           | Z8FMC16100QKSG Image     |
| Z8FMC16100QKSG PDF Datasheet | Z8FMC16100QKSG Download Datasheet | Z8FMC16100QKSG Datasheet |
| Z8FMC16100QKSG Stock         | Buy Z8FMC16100QKSG                | Buy Zilog Z8FMC16100QKSG |
| Zilog Z8FMC16100QKSG         | Zilog Supplier                    | Zilog Distributor        |
| Zilog Z8FMC16100QKSG         |                                   |                          |

Related Products

|                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                                               |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div><div>Embedded in Life<br/>An IXYS Company</div></div> <div><b>Z8FMC08100AKSG</b><br/>Manufacturers: Zilog<br/>Description: IC MCU 8BIT 8KB FLASH 32LQFP<br/>In stock: 17085 pcs</div> <div>RFQ</div> | <div></div> <div><b>Z8FMC160100KIT</b><br/>Manufacturers: Zilog<br/>Description: KIT DEV FOR Z8 ENCORE Z8FMC16100<br/>In stock: 505 pcs</div> <div>RFQ</div>                                               |
| <div></div> <div><b>Z8FMC08100QKEG</b><br/>Manufacturers: Zilog<br/>Description: IC MCU 8BIT 8KB FLASH 32QFN<br/>In stock: 14718 pcs</div> <div>RFQ</div>                                                 | <div><div>Embedded in Life<br/>An IXYS Company</div></div> <div><b>Z8FS021AHH20EG</b><br/>Manufacturers: Zilog<br/>Description: IC MCU 2KB FLASH 20-SSOP<br/>In stock: 34533 pcs</div> <div>RFQ</div>      |
| <div></div> <div><b>Z8FMC161000ZEM</b><br/>Manufacturers: Zilog<br/>Description: EMULATOR ICE FOR Z8FMC16100<br/>In stock: 52 pcs</div> <div>RFQ</div>                                                    | <div><div>Embedded in Life<br/>An IXYS Company</div></div> <div><b>Z8FMC16100AKEG</b><br/>Manufacturers: Zilog<br/>Description: IC MCU 8BIT 16KB FLASH 32LQFP<br/>In stock: 14106 pcs</div> <div>RFQ</div> |
| <div></div> <div><b>Z8FMC16100QKEG</b><br/>Manufacturers: Zilog<br/>Description: IC MCU 8BIT 16KB FLASH 32QFN<br/>In stock: 14488 pcs</div> <div>RFQ</div>                                                | <div></div> <div><b>Z8FMC08100QKSG</b><br/>Manufacturers: Zilog<br/>Description: IC MCU 8BIT 8KB FLASH 32QFN<br/>In stock: 21797 pcs</div> <div>RFQ</div>                                                  |
| <div><div>Embedded in Life<br/>An IXYS Company</div></div> <div><b>Z8FS040BHH20EG</b><br/>Manufacturers: Zilog<br/>Description: IC MCU 4KB FLASH 20SSOP<br/>In stock: 37346 pcs</div> <div>RFQ</div>      | <div><div>Embedded in Life<br/>An IXYS Company</div></div> <div><b>Z8FMC16100AKSG</b><br/>Manufacturers: Zilog<br/>Description: IC MCU 8BIT 16KB FLASH 32LQFP<br/>In stock: 28492 pcs</div> <div>RFQ</div> |
| <div></div> <div><b>Z8FMC160100KITG</b><br/>Manufacturers: Zilog<br/>Description: KIT DEV FOR Z8 ENCORE Z8FMC16100<br/>In stock: 481 pcs</div> <div>RFQ</div>                                             | <div><div>Embedded in Life<br/>An IXYS Company</div></div> <div><b>Z8FS040BSB20EG</b><br/>Manufacturers: Zilog<br/>Description: IC MCU 4KB FLASH 8SOIC<br/>In stock: 36501 pcs</div> <div>RFQ</div>        |