



Embedded in Life  
An IXYS Company

Zilog

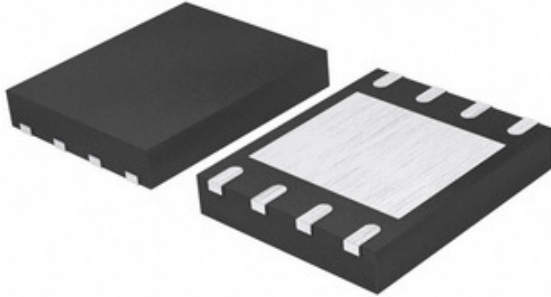


Image may be representation. See specifications for product details.

Z8F0823QB005SG

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | Z8F0823QB005SG                                                                                               |
| Manufacturer/Brand: | Zilog                                                                                                        |
| Product description | IC MCU 8BIT 8KB FLASH 8QFN                                                                                   |
| Datasheets:         |  1.Z8F0823QB005SG.pdf       |
|                     |  2.Z8F0823QB005SG.pdf       |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 28996 pcs stock                                                                                              |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

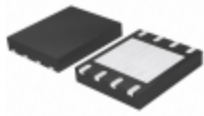
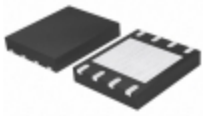
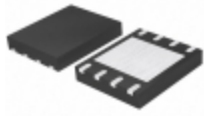
Specifications of Z8F0823QB005SG

|                                  |                                                                                                          |
|----------------------------------|----------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | Z8F0823QB005SG                                                                                           |
| MANUFACTURER                     | Zilog                                                                                                    |
| DESCRIPTION                      | IC MCU 8BIT 8KB FLASH 8QFN                                                                               |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                               |
| QUANTITY AVAILABLE               | 28996 pcs                                                                                                |
| DATA SHEET                       |  1.Z8F0823QB005SG.pdf |
|                                  |  2.Z8F0823QB005SG.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 2.7 V ~ 3.6 V                                                                                            |
| SUPPLIER DEVICE PACKAGE          | 8-QFN (5x6)                                                                                              |
| SPEED                            | 20MHz                                                                                                    |
| SERIES                           | Encore!® XP®                                                                                             |
| RAM SIZE                         | 1K x 8                                                                                                   |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                    |
| PROGRAM MEMORY SIZE              | 8KB (8K x 8)                                                                                             |
| PERIPHERALS                      | Brown-out Detect/Reset, LED, POR, PWM, WDT                                                               |
| PACKAGING                        | Tray                                                                                                     |
| PACKAGE / CASE                   | 8-VDFN Exposed Pad                                                                                       |
| OTHER NAMES                      | 269-3805                                                                                                 |
| OSCILLATOR TYPE                  | Internal                                                                                                 |
| OPERATING TEMPERATURE            | 0°C ~ 70°C (TA)                                                                                          |
| NUMBER OF I/O                    | 6                                                                                                        |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                            |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                               |
| EEPROM SIZE                      | -                                                                                                        |
| DETAILED DESCRIPTION             | eZ8 Encore!® XP® Microcontroller IC 8-Bit 20MHz 8KB (8K x 8) FLASH 8-QFN (5x6)                           |
| DATA CONVERTERS                  | A/D 4x10b                                                                                                |
| CORE SIZE                        | 8-Bit                                                                                                    |
| CORE PROCESSOR                   | eZ8                                                                                                      |
| CONNECTIVITY                     | IrDA, UART/USART                                                                                         |
| BASE PART NUMBER                 | Z8F0823                                                                                                  |

Related Tags

|                              |                                   |                          |
|------------------------------|-----------------------------------|--------------------------|
| Zilog Z8F0823QB005SG         | Z8F0823QB005SG Distributor        | Z8F0823QB005SG Supplier  |
| Z8F0823QB005SG Price         | Z8F0823QB005SG Pictures           | Z8F0823QB005SG Image     |
| Z8F0823QB005SG PDF Datasheet | Z8F0823QB005SG Download Datasheet | Z8F0823QB005SG Datasheet |
| Z8F0823QB005SG Stock         | Buy Z8F0823QB005SG                | Buy Zilog Z8F0823QB005SG |
| Zilog Z8F0823QB005SG         | Zilog Supplier                    | Zilog Distributor        |
| Zilog Z8F0823QB005SG         |                                   |                          |

Related Products

|                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                              |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div><div>Embedded in Life<br/>An IXYS Company</div></div> <div><b>Z8F0823PJ005SG</b><br/>Manufacturers: Zilog<br/>Description: IC MCU 8BIT 8KB FLASH 28DIP<br/>In stock: 48526 pcs</div> <div>RFQ</div>     | <div><div>Embedded in Life<br/>An IXYS Company</div></div> <div><b>Z8F0823SB005EG</b><br/>Manufacturers: Zilog<br/>Description: IC MCU 8BIT 8KB FLASH 8SOIC<br/>In stock: 33809 pcs</div> <div>RFQ</div>  |
| <div><div>Embedded in Life<br/>An IXYS Company</div></div> <div><b>Z8F0823SB005EC</b><br/>Manufacturers: Zilog<br/>Description: IC MCU 8BIT 8KB FLASH 8SOIC<br/>In stock: 55647 pcs</div> <div>RFQ</div>     | <div><div>Embedded in Life<br/>An IXYS Company</div></div> <div><b>Z8F0823SB005SC</b><br/>Manufacturers: Zilog<br/>Description: IC MCU 8BIT 8KB FLASH 8SOIC<br/>In stock: 3367 pcs</div> <div>RFQ</div>   |
| <div></div> <div><b>Z8F0823QB005SC</b><br/>Manufacturers: Zilog<br/>Description: IC MCU 8BIT 8KB FLASH 8QFN<br/>In stock: 80863 pcs</div> <div>RFQ</div>                                                     | <div></div> <div><b>Z8F0823QB005EG</b><br/>Manufacturers: Zilog<br/>Description: IC MCU 8BIT 8KB FLASH 8QFN<br/>In stock: 29986 pcs</div> <div>RFQ</div>                                                  |
| <div><div>Embedded in Life<br/>An IXYS Company</div></div> <div><b>Z8F0823PJ005SG2156</b><br/>Manufacturers: Zilog<br/>Description: IC MCU 8BIT 8KB FLASH 28DIP<br/>In stock: 45250 pcs</div> <div>RFQ</div> | <div><div>Embedded in Life<br/>An IXYS Company</div></div> <div><b>Z8F0823SH005EG</b><br/>Manufacturers: Zilog<br/>Description: IC MCU 8BIT 8KB FLASH 20SOIC<br/>In stock: 40390 pcs</div> <div>RFQ</div> |
| <div><div>Embedded in Life<br/>An IXYS Company</div></div> <div><b>Z8F0823PJ005SC</b><br/>Manufacturers: Zilog<br/>Description: IC MCU 8BIT 8KB FLASH 28DIP<br/>In stock: 5786 pcs</div> <div>RFQ</div>      | <div><div>Embedded in Life<br/>An IXYS Company</div></div> <div><b>Z8F0823SH005EC</b><br/>Manufacturers: Zilog<br/>Description: IC MCU 8BIT 8KB FLASH 20SOIC<br/>In stock: 6315 pcs</div> <div>RFQ</div>  |
| <div></div> <div><b>Z8F0823QB005EC</b><br/>Manufacturers: Zilog<br/>Description: IC MCU 8BIT 8KB FLASH 8QFN<br/>In stock: 50468 pcs</div> <div>RFQ</div>                                                     | <div><div>Embedded in Life<br/>An IXYS Company</div></div> <div><b>Z8F0823SB005SG</b><br/>Manufacturers: Zilog<br/>Description: IC MCU 8BIT 8KB FLASH 8SOIC<br/>In stock: 58479 pcs</div> <div>RFQ</div>  |