


N/A

### MSP430F5219IZQE

Part Number: MSP430F5219IZQE  
 Manufacturer/Brand: N/A  
 Product description: IC MCU 16BIT 128KB FLASH 80BGA  
 Datasheets:  
 RoHS Status:  Lead free / RoHS Compliant  
 Ship From: Hong Kong  
 Shipment Way: DHL/Fedex/TNT/UPS/EMS



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Image may be representation. See specifications for product details.




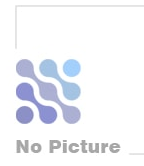
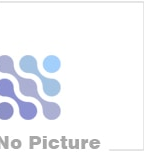
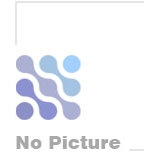

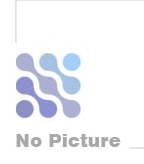
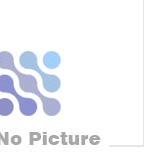
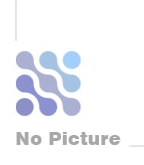
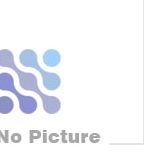
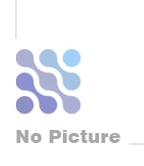
#### Specifications of MSP430F5219IZQE

|                                  |  |
|----------------------------------|--|
| PART NUMBER                      | MSP430F5219IZQE  |
| MANUFACTURER                     | N/A  |
| DESCRIPTION                      | IC MCU 16BIT 128KB FLASH 80BGA   |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant   |
| DATA SHEET                       |  |
| VOLTAGE - SUPPLY (VCC/VDD)       | 1.8 V ~ 3.6 V  |
| SUPPLIER DEVICE PACKAGE          | 80-BGA MICROSTAR JUNIOR (5x5)  |
| SPEED                            | 25MHz  |
| SERIES                           | MSP430F5xx   |
| RAM SIZE                         | 8K x 8   |
| PROGRAM MEMORY TYPE              | FLASH  |
| PROGRAM MEMORY SIZE              | 128KB (128K x 8)   |
| PERIPHERALS                      | Brown-out Detect/Reset, DMA, POR, PWM, WDT   |
| PACKAGING                        | Tape & Reel (TR)   |
| PACKAGE / CASE                   | 80-VFBGA   |
| OSCILLATOR TYPE                  | Internal   |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)  |
| NUMBER OF I/O                    | 31   |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)  |
| MANUFACTURER STANDARD LEAD TIME  | 6 Weeks  |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant   |
| EEPROM SIZE                      | -  |
| DETAILED DESCRIPTION             | CPUXV2 MSP430F5xx Microcontroller IC 16-Bit 25MHz 128KB (128K x 8) FLASH 80-BGA MICROSTAR JUNIOR (5x5) |
| DATA CONVERTERS                  | -  |
| CORE SIZE                        | 16-Bit   |
| CORE PROCESSOR                   | CPUXV2   |
| CONNECTIVITY                     | I <sup>2</sup> C, IrDA, SCI, SPI, UART/USART   |
| BASE PART NUMBER                 | MSP430F5219  |

#### Related Tags

|                               |                                    |                           |
|-------------------------------|------------------------------------|---------------------------|
| MSP430F5219IZQE               | MSP430F5219IZQE Distributor        | MSP430F5219IZQE Supplier  |
| MSP430F5219IZQE Price         | MSP430F5219IZQE Pictures           | MSP430F5219IZQE Image     |
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| MSP430F5219IZQE               | Supplier                           | Distributor               |

#### Related Products

|  |  |
|--|--|
| <br><b>MSP430F5219IYFFR</b><br>Manufacturers: N/A<br>Description: IC MCU 16BIT 128KB FLASH 64DSBGA<br>In stock: 31809 pcs<br><a href="#">RFQ</a> | <br><b>MSP430F5222IRGZR</b><br>Manufacturers: N/A<br>Description: IC MCU 16BIT 64KB FLASH 48VQFN<br>In stock: 37561 pcs<br><a href="#">RFQ</a>  |
| <br><b>MSP430F5218IZQER</b><br>Manufacturers: N/A<br>Description: IC MCU 16BIT 64KB FLASH 80BGA<br>In stock: 38558 pcs<br><a href="#">RFQ</a>    | <br><b>MSP430F5224IRGZT</b><br>Manufacturers: N/A<br>Description: IC MCU 16BIT 128KB FLASH 48VQFN<br>In stock: 5547 pcs<br><a href="#">RFQ</a>  |
| <br><b>MSP430F5219IZQER</b><br>Manufacturers: N/A<br>Description: IC MCU 16BIT 128KB FLASH 80BGA<br>In stock: 33048 pcs<br><a href="#">RFQ</a>   | <br><b>MSP430F5222IRGZT</b><br>Manufacturers: N/A<br>Description: IC MCU 16BIT 64KB FLASH 48VQFN<br>In stock: 25381 pcs<br><a href="#">RFQ</a>  |
| <br><b>MSP430F5219IRGCR</b><br>Manufacturers: N/A<br>Description: IC MCU 16BIT 128KB FLASH 64VQFN<br>In stock: 39080 pcs<br><a href="#">RFQ</a>  | <br><b>MSP430F5224IRGZR</b><br>Manufacturers: N/A<br>Description: IC MCU 16BIT 128KB FLASH 48VQFN<br>In stock: 39232 pcs<br><a href="#">RFQ</a> |
| <br><b>MSP430F5219IYFFT</b><br>Manufacturers: N/A<br>Description: IC MCU 16BIT 128KB FLASH 64DSBGA<br>In stock: 21042 pcs<br><a href="#">RFQ</a> | <br><b>MSP430F5218IZQE</b><br>Manufacturers: N/A<br>Description: IC MCU 16BIT 64KB FLASH 80BGA<br>In stock: 22883 pcs<br><a href="#">RFQ</a>    |
| <br><b>MSP430F5219IRGCT</b><br>Manufacturers: N/A<br>Description: IC MCU 16BIT 128KB FLASH 64VQFN<br>In stock: 24640 pcs<br><a href="#">RFQ</a>  | <br><b>MSP430F5227IRGCR</b><br>Manufacturers: N/A<br>Description: IC MCU 16BIT 64KB FLASH 64VQFN<br>In stock: 32355 pcs<br><a href="#">RFQ</a>  |