


N/A

**MSP430F449IPZ**

|                      |  |
|----------------------|--|
| Part Number:         | MSP430F449IPZ  |
| Manufacturer/Brand:  | N/A  |
| Product description: | IC MCU 16BIT 60KB FLASH 100LQFP  |
| Datasheets:          |  |
| RoHS Status:         |  Lead free / RoHS Compliant |
| Ship From:           | Hong Kong  |
| Shipment Way:        | DHL/Fedex/TNT/UPS/EMS  |

[REQUEST FOR QUOTATION](#)

Image may be representation. See specifications for product details.

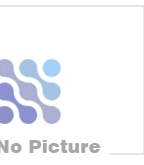
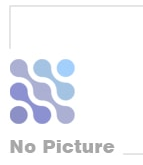
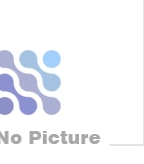
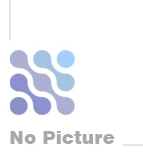
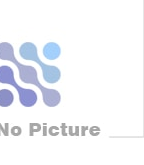

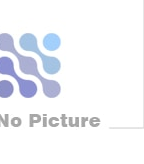
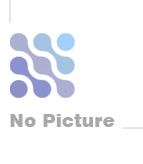
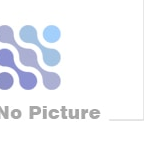
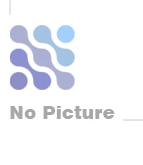
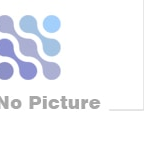
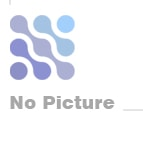
**Specifications of MSP430F449IPZ**

|                                  |   |
|----------------------------------|---|
| PART NUMBER                      | MSP430F449IPZ   |
| MANUFACTURER                     | N/A   |
| DESCRIPTION                      | IC MCU 16BIT 60KB FLASH 100LQFP   |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant  |
| DATA SHEET                       |   |
| VOLTAGE - SUPPLY (VCC/VDD)       | 1.8 V ~ 3.6 V   |
| SUPPLIER DEVICE PACKAGE          | 100-LQFP (14x14)  |
| SPEED                            | 8MHz  |
| SERIES                           | MSP430x4xx  |
| RAM SIZE                         | 2K x 8  |
| PROGRAM MEMORY TYPE              | FLASH   |
| PROGRAM MEMORY SIZE              | 60KB (60K x 8 + 256B)   |
| PERIPHERALS                      | Brown-out Detect/Reset, LCD, POR, PWM, WDT  |
| PACKAGING                        | Tray  |
| PACKAGE / CASE                   | 100-LQFP  |
| OTHER NAMES                      | 296-12640   |
| OSCILLATOR TYPE                  | Internal  |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)   |
| NUMBER OF I/O                    | 48  |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)   |
| MANUFACTURER STANDARD LEAD TIME  | 8 Weeks   |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant  |
| EEPROM SIZE                      | -   |
| DETAILED DESCRIPTION             | MSP430 MSP430x4xx Microcontroller IC 16-Bit 8MHz 60KB (60K x 8 + 256B) FLASH 100-LQFP (14x14) |
| DATA CONVERTERS                  | A/D 8x12b   |
| CORE SIZE                        | 16-Bit  |
| CORE PROCESSOR                   | MSP430  |
| CONNECTIVITY                     | SPI, UART/USART   |
| BASE PART NUMBER                 | MSP430F449  |

**Related Tags**

|   |  |   |
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| <a href="#">MSP430F449IPZ</a>               | <a href="#">Supplier</a>                         | <a href="#">Distributor</a>             |

**Related Products**

|  |  |
|--|--|
|  <p><b>MSP430F4481IPZR</b><br/>Manufacturers: N/A<br/>Description: IC MCU 16BIT 48KB FLASH 100LQFP<br/>In stock: 20712 pcs</p> <p><a href="#">RFQ</a></p>  |  <p><b>MSP430F4616IPZR</b><br/>Manufacturers: N/A<br/>Description: IC MCU 16BIT 92KB FLASH 100LQFP<br/>In stock: 10363 pcs</p> <p><a href="#">RFQ</a></p> |
|  <p><b>MSP430F4481IPZ</b><br/>Manufacturers: N/A<br/>Description: IC MCU 16BIT 48KB FLASH 100LQFP<br/>In stock: 13532 pcs</p> <p><a href="#">RFQ</a></p>   |  <p><b>MSP430F4491IPZR</b><br/>Manufacturers: N/A<br/>Description: IC MCU 16BIT 60KB FLASH 100LQFP<br/>In stock: 20012 pcs</p> <p><a href="#">RFQ</a></p> |
|  <p><b>MSP430F46161IPZR</b><br/>Manufacturers: N/A<br/>Description: IC MCU 16BIT 92KB FLASH 100LQFP<br/>In stock: 14331 pcs</p> <p><a href="#">RFQ</a></p> |  <p><b>MSP430F46161IPZ</b><br/>Manufacturers: N/A<br/>Description: IC MCU 16BIT 92KB FLASH 100LQFP<br/>In stock: 8972 pcs</p> <p><a href="#">RFQ</a></p>  |
|  <p><b>MSP430F4491PZR</b><br/>Manufacturers: N/A<br/>Description: IC MCU 16BIT 60KB FLASH 100LQFP<br/>In stock: 15963 pcs</p> <p><a href="#">RFQ</a></p>   |  <p><b>MSP430F4616IPZ</b><br/>Manufacturers: N/A<br/>Description: IC MCU 16BIT 92KB FLASH 100LQFP<br/>In stock: 9013 pcs</p> <p><a href="#">RFQ</a></p>   |
|  <p><b>MSP430F46171IPZ</b><br/>Manufacturers: N/A<br/>Description: IC MCU 16BIT 92KB FLASH 100LQFP<br/>In stock: 9555 pcs</p> <p><a href="#">RFQ</a></p>   |  <p><b>MSP430F4491IPZ</b><br/>Manufacturers: N/A<br/>Description: IC MCU 16BIT 60KB FLASH 100LQFP<br/>In stock: 11058 pcs</p> <p><a href="#">RFQ</a></p>  |
|  <p><b>MSP430F4481PZ</b><br/>Manufacturers: N/A<br/>Description: IC MCU 16BIT 48KB FLASH 100LQFP<br/>In stock: 9544 pcs</p> <p><a href="#">RFQ</a></p>     |  <p><b>MSP430F4481PZR</b><br/>Manufacturers: N/A<br/>Description: IC MCU 16BIT 48KB FLASH 100LQFP<br/>In stock: 17652 pcs</p> <p><a href="#">RFQ</a></p>  |