

N/A



MSP430F2419TZQWR

|                     |                                 |
|---------------------|---------------------------------|
| Part Number:        | MSP430F2419TZQWR                |
| Manufacturer/Brand: | N/A                             |
| Product description | IC MCU 16BIT 120KB FLASH 113BGA |
| 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 MSP430F2419TZQWR

|                                  |                                                                                                                |
|----------------------------------|----------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | MSP430F2419TZQWR                                                                                               |
| MANUFACTURER                     | N/A                                                                                                            |
| DESCRIPTION                      | IC MCU 16BIT 120KB FLASH 113BGA                                                                                |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                     |
| DATA SHEET                       |                                                                                                                |
| VOLTAGE - SUPPLY (VCC/VDD)       | 1.8 V ~ 3.6 V                                                                                                  |
| SUPPLIER DEVICE PACKAGE          | 113-BGA Microstar Junior (7x7)                                                                                 |
| SPEED                            | 16MHz                                                                                                          |
| SERIES                           | MSP430F2xx                                                                                                     |
| RAM SIZE                         | 4K x 8                                                                                                         |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                          |
| PROGRAM MEMORY SIZE              | 120KB (120K x 8 + 256B)                                                                                        |
| PERIPHERALS                      | Brown-out Detect/Reset, DMA, POR, PWM, WDT                                                                     |
| PACKAGING                        | Tape & Reel (TR)                                                                                               |
| PACKAGE / CASE                   | 113-VFBGA                                                                                                      |
| OTHER NAMES                      | 296-24712-2<br>MSP430F2419TZQWR-ND                                                                             |
| OSCILLATOR TYPE                  | Internal                                                                                                       |
| OPERATING TEMPERATURE            | -40°C ~ 105°C (TA)                                                                                             |
| NUMBER OF I/O                    | 64                                                                                                             |
| 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             | MSP430 MSP430F2xx Microcontroller IC 16-Bit 16MHz 120KB (120K x 8 + 256B) FLASH 113-BGA Microstar Junior (7x7) |
| DATA CONVERTERS                  | A/D 8x12b                                                                                                      |
| CORE SIZE                        | 16-Bit                                                                                                         |
| CORE PROCESSOR                   | MSP430                                                                                                         |
| CONNECTIVITY                     | I <sup>2</sup> C, IrDA, LINbus, SCI, SPI, UART/USART                                                           |
| BASE PART NUMBER                 | MSP430F2419                                                                                                    |

Related Tags

|                                |                                     |                            |
|--------------------------------|-------------------------------------|----------------------------|
| MSP430F2419TZQWR               | MSP430F2419TZQWR Distributor        | MSP430F2419TZQWR Supplier  |
| MSP430F2419TZQWR Price         | MSP430F2419TZQWR Pictures           | MSP430F2419TZQWR Image     |
| MSP430F2419TZQWR PDF Datasheet | MSP430F2419TZQWR Download Datasheet | MSP430F2419TZQWR Datasheet |
| MSP430F2419TZQWR Stock         | Buy MSP430F2419TZQWR                | Buy MSP430F2419TZQWR       |
| MSP430F2419TZQWR               | Supplier                            | Distributor                |

Related Products

|                                                                                                                                                              |                                                                                                                                                                            |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div></div> <div><b>MSP430F2471TPM</b><br/>Manufacturers: N/A<br/>Description: IC MCU 16BIT 32KB FLASH 64LQFP<br/>In stock: 23425 pcs<br/><b>RFQ</b></div>   | <div></div> <div><b>MSP430F2471TRGCR</b><br/>Manufacturers: Texas Instruments<br/>Description: IC MCU 16BIT 32KB FLASH 64VQFN<br/>In stock: 25329 pcs<br/><b>RFQ</b></div> |
| <div></div> <div><b>MSP430F247TPMR</b><br/>Manufacturers: N/A<br/>Description: IC MCU 16BIT 32KB FLASH 64LQFP<br/>In stock: 23217 pcs<br/><b>RFQ</b></div>   | <div></div> <div><b>MSP430F2418TZQWR</b><br/>Manufacturers: N/A<br/>Description: IC MCU 16BIT 116KB FLASH 113BGA<br/>In stock: 16704 pcs<br/><b>RFQ</b></div>              |
| <div></div> <div><b>MSP430F2419TPMR</b><br/>Manufacturers: N/A<br/>Description: IC MCU 16BIT 120KB FLASH 64LQFP<br/>In stock: 15834 pcs<br/><b>RFQ</b></div> | <div></div> <div><b>MSP430F2471TPMR</b><br/>Manufacturers: Texas Instruments<br/>Description: IC MCU 16BIT 32KB FLASH 64LQFP<br/>In stock: 27561 pcs<br/><b>RFQ</b></div>  |
| <div></div> <div><b>MSP430F2419TPNR</b><br/>Manufacturers: N/A<br/>Description: IC MCU 16BIT 120KB FLASH 80LQFP<br/>In stock: 12569 pcs<br/><b>RFQ</b></div> | <div></div> <div><b>MSP430F2471TRGCT</b><br/>Manufacturers: N/A<br/>Description: IC MCU 16BIT 32KB FLASH 64VQFN<br/>In stock: 17841 pcs<br/><b>RFQ</b></div>               |
| <div></div> <div><b>MSP430F2419TZQW</b><br/>Manufacturers: N/A<br/>Description: IC MCU 16BIT 120KB FLASH 113BGA<br/>In stock: 12875 pcs<br/><b>RFQ</b></div> | <div></div> <div><b>MSP430F247TPM</b><br/>Manufacturers: N/A<br/>Description: IC MCU 16BIT 32KB FLASH 64LQFP<br/>In stock: 26871 pcs<br/><b>RFQ</b></div>                  |
| <div></div> <div><b>MSP430F2419TPN</b><br/>Manufacturers: N/A<br/>Description: IC MCU 16BIT 120KB FLASH 80LQFP<br/>In stock: 12749 pcs<br/><b>RFQ</b></div>  | <div></div> <div><b>MSP430F2419TPM</b><br/>Manufacturers: N/A<br/>Description: IC MCU 16BIT 120KB FLASH 64LQFP<br/>In stock: 15433 pcs<br/><b>RFQ</b></div>                |