

MSP430F2418TPMR



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Part Number: [MSP430F2418TPMR](#)

Manufacturer: [N/A](#)

Description: [IC MCU 16BIT 116KB FLASH 64LQFP](#)

Data sheet:

RoHs Status: [Lead free / RoHS Compliant](#)

Ship From: [Hong Kong](#)

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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                           |                                            |                                  |                                                                                                 |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------|----------------------------------|-------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                 | MSP430F2418TPMR                            | Manufacturer                     | N/A                                                                                             |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                 | IC MCU 16BIT 116KB FLASH 64LQFP            | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                                      |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                          | 18522 pcs                                  | Data sheet                       |                                                                                                 |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                    | <a href="#">Integrated Circuits (ICs)</a>  | Voltage - Supply (Vcc/Vdd)       | 1.8 V ~ 3.6 V                                                                                   |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                     | 64-LQFP (10x10)                            | Speed                            | 16MHz                                                                                           |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                      | MSP430F2xx                                 | RAM Size                         | 8K x 8                                                                                          |
| Program Memory Type                                                                                                                                                                                                                                                                                                                                                                                                         | FLASH                                      | Program Memory Size              | 116KB (116K x 8 + 256B)                                                                         |
| Peripherals                                                                                                                                                                                                                                                                                                                                                                                                                 | Brown-out Detect/Reset, DMA, POR, PWM, WDT | Packaging                        | Tape & Reel (TR)                                                                                |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                              | 64-LQFP                                    | Other Names                      | 296-22689-2                                                                                     |
| Oscillator Type                                                                                                                                                                                                                                                                                                                                                                                                             | Internal                                   | Operating Temperature            | -40°C ~ 105°C (TA)                                                                              |
| Number of I/O                                                                                                                                                                                                                                                                                                                                                                                                               | 48                                         | Moisture Sensitivity Level (MSL) | 3 (168 Hours)                                                                                   |
| Manufacturer Standard Lead Time                                                                                                                                                                                                                                                                                                                                                                                             | 12 Weeks                                   | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                                      |
| EEPROM Size                                                                                                                                                                                                                                                                                                                                                                                                                 | -                                          | Detailed Description             | MSP430 MSP430F2xx Microcontroller IC 16-Bit 16MHz 116KB (116K x 8 + 256B) FLASH 64-LQFP (10x10) |
| 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                                                                                                                                                                                                                                                                                                                                                                                                            | MSP430F2418                                |                                  |                                                                                                 |
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