

MSP430F247TPM



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Part Number: [MSP430F247TPM](#)

Manufacturer: [N/A](#)

Description: [IC MCU 16BIT 32KB FLASH 64LQFP](#)

Data sheet:

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

Ship From: [Hong Kong](#)

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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                         |                                           |                                  |                                                                                               |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|----------------------------------|-----------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                               | MSP430F247TPM                             | Manufacturer                     | N/A                                                                                           |
| Description                                                                                                                                                                                                                                                                                                                                                                                                               | IC MCU 16BIT 32KB FLASH 64LQFP            | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                                    |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                        | 26594 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                         | 4K x 8                                                                                        |
| Program Memory Type                                                                                                                                                                                                                                                                                                                                                                                                       | FLASH                                     | Program Memory Size              | 32KB (32K x 8 + 256B)                                                                         |
| Peripherals                                                                                                                                                                                                                                                                                                                                                                                                               | Brown-out Detect/Reset, POR, PWM, WDT     | Packaging                        | Tray                                                                                          |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                            | 64-LQFP                                   | Other Names                      | 296-26219<br>MSP430F247TPM-ND                                                                 |
| 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                                                                                                                                                                                                                                                                                                                                                                                           | 8 Weeks                                   | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                                    |
| EEPROM Size                                                                                                                                                                                                                                                                                                                                                                                                               | -                                         | Detailed Description             | MSP430 MSP430F2xx Microcontroller IC 16-Bit 16MHz 32KB (32K x 8 + 256B) FLASH 64-LQFP (10x10) |
| Data Converters                                                                                                                                                                                                                                                                                                                                                                                                           | A/D 8x12b                                 | Core Size                        | 16-Bit                                                                                        |
| Core Processor                                                                                                                                                                                                                                                                                                                                                                                                            | MSP430                                    | Connectivity                     | PC, IrDA, LINbus, SCI, SPI, UART/USART                                                        |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                          | MSP430F247                                |                                  |                                                                                               |
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