

MSP430F2617TPN



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Part Number: [MSP430F2617TPN](#)

Manufacturer: [N/A](#)

Description: [IC MCU 16BIT 92KB FLASH 80LQFP](#)

Data sheet:

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

Ship From: [Hong Kong](#)

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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                               |                                 |                            |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|---------------------------------|----------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                               | MSP430F2617TPN                                                                                | Manufacturer                    | N/A                        |
| Description                                                                                                                                                                                                                                                                                                                                                                                                               | IC MCU 16BIT 92KB FLASH 80LQFP                                                                | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                        | 9512 pcs                                                                                      | Data sheet                      |                            |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                  | <a href="#">Integrated Circuits (ICs)</a>                                                     | Voltage - Supply (Vcc/Vdd)      | 1.8 V ~ 3.6 V              |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                   | 80-LQFP (12x12)                                                                               | Speed                           | 16MHz                      |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                    | MSP430F2xx                                                                                    | RAM Size                        | 8K x 8                     |
| Program Memory Type                                                                                                                                                                                                                                                                                                                                                                                                       | FLASH                                                                                         | Program Memory Size             | 92KB (92K x 8 + 256B)      |
| Peripherals                                                                                                                                                                                                                                                                                                                                                                                                               | Brown-out Detect/Reset, DMA, POR, PWM, WDT                                                    | Packaging                       | Tray                       |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                            | 80-LQFP                                                                                       | 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 | 12 Weeks                   |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                            | Lead free / RoHS Compliant                                                                    | EEPROM Size                     | -                          |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                      | MSP430 MSP430F2xx Microcontroller IC 16-Bit 16MHz 92KB (92K x 8 + 256B) FLASH 80-LQFP (12x12) | Data Converters                 | A/D 8x12b, D/A 2x12b       |
| Core Size                                                                                                                                                                                                                                                                                                                                                                                                                 | 16-Bit                                                                                        | Core Processor                  | MSP430                     |
| Connectivity                                                                                                                                                                                                                                                                                                                                                                                                              | I <sup>2</sup> C, IrDA, LINbus, SCI, SPI, UART/USART                                          | Base Part Number                | MSP430F2617                |
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|  | Part#: <a href="#">MSP430F2618TPMR</a><br>Description: <a href="#">IC MCU 16BIT 116KB FLASH 64LQFP</a>    | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">MSP430F2616TPMR</a><br>Description: <a href="#">IC MCU 16BIT 92KB FLASH 64LQFP</a>     | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
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