

MSP430F5637IPZR



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Part Number: [MSP430F5637IPZR](#)

Manufacturer: [N/A](#)

Description: [IC MCU 16BIT 192KB FLASH 100LQFP](#)

Data sheet:

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

Ship From: [Hong Kong](#)

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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                           |                                            |                                |                                                                                           |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------|--------------------------------|-------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                 | MSP430F5637IPZR                            | Manufacturer                   | N/A                                                                                       |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                 | IC MCU 16BIT 192KB FLASH 100LQFP           | Lead Free Status / RoHS Status | Lead free / RoHS Compliant                                                                |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                          | 16301 pcs                                  | Data sheet                     |                                                                                           |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                    | <a href="#">Integrated Circuits (ICs)</a>  | Voltage - Supply (Vcc/Vdd)     | 1.8 V ~ 3.6 V                                                                             |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                     | 100-LQFP (14x14)                           | Speed                          | 20MHz                                                                                     |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                      | MSP430F5xx                                 | RAM Size                       | 18K x 8                                                                                   |
| Program Memory Type                                                                                                                                                                                                                                                                                                                                                                                                         | FLASH                                      | Program Memory Size            | 192KB (192K x 8)                                                                          |
| Peripherals                                                                                                                                                                                                                                                                                                                                                                                                                 | Brown-out Detect/Reset, DMA, POR, PWM, WDT | Packaging                      | Tape & Reel (TR)                                                                          |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                              | 100-LQFP                                   | Oscillator Type                | Internal                                                                                  |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                       | -40°C ~ 85°C (TA)                          | Number of I/O                  | 74                                                                                        |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                            | 3 (168 Hours)                              | Lead Free Status / RoHS Status | Lead free / RoHS Compliant                                                                |
| EEPROM Size                                                                                                                                                                                                                                                                                                                                                                                                                 | -                                          | Detailed Description           | CPUXV2 MSP430F5xx Microcontroller IC 16-Bit 20MHz 192KB (192K x 8) FLASH 100-LQFP (14x14) |
| Data Converters                                                                                                                                                                                                                                                                                                                                                                                                             | A/D 16x12b, D/A 2x12b                      | Core Size                      | 16-Bit                                                                                    |
| Core Processor                                                                                                                                                                                                                                                                                                                                                                                                              | CPUXV2                                     | Connectivity                   | I <sup>2</sup> C, IrDA, LINbus, SCI, SPI, UART/USART, USB                                 |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                            | MSP430F5637                                |                                |                                                                                           |
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|  | Part#: <a href="#">MSP430F5658IPZR</a><br>Description: <a href="#">IC MCU 16BIT 384KB FLASH 100LQFP</a> | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
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