

MSP430F6747IPZ



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Part Number: [MSP430F6747IPZ](#)

Manufacturer: [N/A](#)

Description: [IC MCU 16BIT 256KB FLASH 100LQFP](#)

Data sheet:

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

Ship From: [Hong Kong](#)

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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                              |                                |                                                                                           |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------|--------------------------------|-------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                | MSP430F6747IPZ                                                               | Manufacturer                   | N/A                                                                                       |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                | IC MCU 16BIT 256KB FLASH 100LQFP                                             | Lead Free Status / RoHS Status | Lead free / RoHS Compliant                                                                |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                         | 14967 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                          | 25MHz                                                                                     |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                     | MSP430F6xx                                                                   | RAM Size                       | 32K x 8                                                                                   |
| Program Memory Type                                                                                                                                                                                                                                                                                                                                                                                                        | FLASH                                                                        | Program Memory Size            | 256KB (256K x 8)                                                                          |
| Peripherals                                                                                                                                                                                                                                                                                                                                                                                                                | Brown-out Detect/Reset, DMA, LCD, POR, PWM, WDT, 4x24b Sigma Delta Converter | Packaging                      | Tray                                                                                      |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                             | 100-LQFP                                                                     | Oscillator Type                | Internal                                                                                  |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                      | -40°C ~ 85°C (TA)                                                            | Number of I/O                  | 62                                                                                        |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                           | 3 (168 Hours)                                                                | Lead Free Status / RoHS Status | Lead free / RoHS Compliant                                                                |
| EEPROM Size                                                                                                                                                                                                                                                                                                                                                                                                                | -                                                                            | Detailed Description           | CPUXV2 MSP430F6xx Microcontroller IC 16-Bit 25MHz 256KB (256K x 8) FLASH 100-LQFP (14x14) |
| Data Converters                                                                                                                                                                                                                                                                                                                                                                                                            | A/D 8x10b                                                                    | Core Size                      | 16-Bit                                                                                    |
| Core Processor                                                                                                                                                                                                                                                                                                                                                                                                             | CPUXV2                                                                       | Connectivity                   | I <sup>2</sup> C, IrDA, LINbus, SPI, UART/USART                                           |
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