

MSP430F6724IPN



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Part Number: [MSP430F6724IPN](#)

Manufacturer: [N/A](#)

Description: [IC MCU 16BIT 96KB FLASH 80LQFP](#)

Data sheet:

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

Ship From: [Hong Kong](#)

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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                          |                                                 |                                  |                                                                                        |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------|----------------------------------|----------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                | MSP430F6724IPN                                  | Manufacturer                     | N/A                                                                                    |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                | IC MCU 16BIT 96KB FLASH 80LQFP                  | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                             |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                         | 19390 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                            | 25MHz                                                                                  |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                     | MSP430F6xx                                      | RAM Size                         | 4K x 8                                                                                 |
| Program Memory Type                                                                                                                                                                                                                                                                                                                                                                                                        | FLASH                                           | Program Memory Size              | 96KB (96K x 8)                                                                         |
| Peripherals                                                                                                                                                                                                                                                                                                                                                                                                                | Brown-out Detect/Reset, DMA, LCD, POR, PWM, WDT | Packaging                        | Tray                                                                                   |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                             | 80-LQFP                                         | Other Names                      | 296-30419<br>MSP430F6724IPN-ND                                                         |
| Oscillator Type                                                                                                                                                                                                                                                                                                                                                                                                            | Internal                                        | Operating Temperature            | -40°C ~ 85°C (TA)                                                                      |
| Number of I/O                                                                                                                                                                                                                                                                                                                                                                                                              | 52                                              | Moisture Sensitivity Level (MSL) | 3 (168 Hours)                                                                          |
| Manufacturer Standard Lead Time                                                                                                                                                                                                                                                                                                                                                                                            | 26 Weeks                                        | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                             |
| EEPROM Size                                                                                                                                                                                                                                                                                                                                                                                                                | -                                               | Detailed Description             | CPUXV2 MSP430F6xx Microcontroller IC 16-Bit 25MHz 96KB (96K x 8) FLASH 80-LQFP (12x12) |
| Data Converters                                                                                                                                                                                                                                                                                                                                                                                                            | A/D 5x10b, 2x24b                                | Core Size                        | 16-Bit                                                                                 |
| Core Processor                                                                                                                                                                                                                                                                                                                                                                                                             | CPUXV2                                          | Connectivity                     | I <sup>2</sup> C, IrDA, LINbus, SCI, SPI, UART/USART                                   |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                           | MSP430F6724                                     |                                  |                                                                                        |
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