

| MSP430F6730AIPN | |
|-----------------------|---|
| Part Number | MSP430F6730AIPN |
| Manufacturer | N/A |
| Description | IC MCU 16BIT 16KB FLASH 80LQFP |
| Quantity Available | 2666 pcs in stock |
| Datasheets | |
| MSP430F6730AIPN Price | Request Price & Lead Time Online or Email us: Info@ariat-tech.com |


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| Technical Information of MSP430F6730AIPN | | | |
|--|---------------------------------|----------------------------------|--|
| Manufacturer Part Number | MSP430F6730AIPN | Category | Integrated Circuits (ICs) |
| Manufacturer | N/A | Description | IC MCU 16BIT 16KB FLASH 80LQFP |
| Package / Case | Tray | Quantity Available | 2666 |
| Voltage - Supply (Vcc/Vdd) | 1.8 V ~ 3.6 V | Supplier Device Package | 80-LQFP (12x12) |
| Speed | 25MHz | Series | MSP430F6xx |
| RAM Size | 1K x 8 | Program Memory Type | FLASH |
| Program Memory Size | 16KB (16K x 8) | Peripherals | Brown-out Detect/Reset, DMA, LCD, POR, PWM, WDT |
| Packaging | Tray | Package / Case | 80-LQFP |
| 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 16KB (16K x 8) FLASH 80-LQFP (12x12) |
| Data Converters | A/D 5x10b, 3x24b | Core Size | 16-Bit |
| Core Processor | CPUXV2 | Connectivity | I ² C, IrDA, LINbus, SCI, SPI, UART/USART |

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| Related parts for MSP430F6730AIPN | | | | |
|-----------------------------------|----------------------------------|----------------------------------|--------------|----------|
| Image | Part Number | Description | Manufacturer | Quantity |
| | MSP430F6730AIPNR | IC MCU 16BIT 16KB FLASH 80LQFP | N/A | 2539 pcs |
| | MSP430F6726IPZR | IC MCU 16BIT 128KB FLASH 100LQFP | N/A | 2644 pcs |
| | MSP430F6726IPN | IC MCU 16BIT 128KB FLASH 80LQFP | N/A | 2627 pcs |
| | MSP430F6726IPNR | IC MCU 16BIT 128KB FLASH 80LQFP | N/A | 2654 pcs |
| | MSP430F6726AIPNR | IC MCU 16BIT 128KB FLASH 80LQFP | N/A | 2649 pcs |
| | MSP430F6730IPZ | IC MCU 16BIT 16KB FLASH 100LQFP | N/A | 2579 pcs |
| | MSP430F6725IPZR | IC MCU 16BIT 128KB FLASH 100LQFP | N/A | 2590 pcs |
| | MSP430F6730IPN | IC MCU 16BIT 16KB FLASH 80LQFP | N/A | 2593 pcs |
| | MSP430F6730IPZR | IC MCU 16BIT 16KB FLASH 100LQFP | N/A | 2560 pcs |
| | MSP430F6726AIPZ | IC MCU 16BIT 128KB FLASH 100LQFP | N/A | 2569 pcs |
| | MSP430F6726AIPN | IC MCU 16BIT 128KB FLASH 80LQFP | N/A | 2582 pcs |
| | MSP430F6726IPZ | IC MCU 16BIT 128KB FLASH 100LQFP | N/A | 2511 pcs |
| | MSP430F6730AIPZ | IC MCU 16BIT 16KB FLASH 100LQFP | N/A | 2631 pcs |
| | MSP430F6731AIPNR | IC MCU 16BIT 32KB FLASH 80LQFP | N/A | 2520 pcs |
| | MSP430F6730IPNR | IC MCU 16BIT 16KB FLASH 80LQFP | N/A | 2565 pcs |
| | MSP430F6725IPZ | IC MCU 16BIT 128KB FLASH 100LQFP | N/A | 2631 pcs |
| | MSP430F6726AIPZR | IC MCU 16BIT 128KB FLASH 100LQFP | N/A | 2606 pcs |
| | MSP430F6730AIPZR | IC MCU 16BIT 16KB FLASH 100LQFP | N/A | 2519 pcs |
| | MSP430F6731AIPZ | IC MCU 16BIT 32KB FLASH 100LQFP | N/A | 2607 pcs |
| | MSP430F6731AIPN | IC MCU 16BIT 32KB FLASH 80LQFP | N/A | 2558 pcs |

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