



MSP430FG478IPNR

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | MSP430FG478IPNR                                                                                              |
| Manufacturer/Brand: | N/A                                                                                                          |
| Product description | IC MCU 16BIT 48KB FLASH 80LQFP                                                                               |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 16153 pcs stock                                                                                              |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

Specifications of MSP430FG478IPNR

|                                  |                                                                                              |
|----------------------------------|----------------------------------------------------------------------------------------------|
| PART NUMBER                      | MSP430FG478IPNR                                                                              |
| MANUFACTURER                     | N/A                                                                                          |
| DESCRIPTION                      | IC MCU 16BIT 48KB FLASH 80LQFP                                                               |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                   |
| QUANTITY AVAILABLE               | 16153 pcs                                                                                    |
| DATA SHEET                       |                                                                                              |
| VOLTAGE - SUPPLY (VCC/VDD)       | 1.8 V ~ 3.6 V                                                                                |
| SUPPLIER DEVICE PACKAGE          | 80-LQFP (12x12)                                                                              |
| SPEED                            | 8MHz                                                                                         |
| SERIES                           | MSP430x4xx                                                                                   |
| RAM SIZE                         | 2K x 8                                                                                       |
| PROGRAM MEMORY TYPE              | FLASH                                                                                        |
| PROGRAM MEMORY SIZE              | 48KB (48K x 8 + 256B)                                                                        |
| PERIPHERALS                      | Brown-out Detect/Reset, LCD, PWM, WDT                                                        |
| PACKAGING                        | Tape & Reel (TR)                                                                             |
| PACKAGE / CASE                   | 80-LQFP                                                                                      |
| OTHER NAMES                      | 296-25388-2                                                                                  |
| OSCILLATOR TYPE                  | Internal                                                                                     |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                            |
| NUMBER OF I/O                    | 48                                                                                           |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                   |
| EEPROM SIZE                      | -                                                                                            |
| DETAILED DESCRIPTION             | MSP430 MSP430x4xx Microcontroller IC 16-Bit 8MHz 48KB (48K x 8 + 256B) FLASH 80-LQFP (12x12) |
| DATA CONVERTERS                  | A/D 5x16b, 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                 | MSP430FG478                                                                                  |

Related Tags

|                               |                                    |                           |
|-------------------------------|------------------------------------|---------------------------|
| MSP430FG478IPNR               | MSP430FG478IPNR Distributor        | MSP430FG478IPNR Supplier  |
| MSP430FG478IPNR Price         | MSP430FG478IPNR Pictures           | MSP430FG478IPNR Image     |
| MSP430FG478IPNR PDF Datasheet | MSP430FG478IPNR Download Datasheet | MSP430FG478IPNR Datasheet |
| MSP430FG478IPNR Stock         | Buy MSP430FG478IPNR                | Buy MSP430FG478IPNR       |
| MSP430FG478IPNR               | Supplier                           | Distributor               |

Related Products

|                                                                                                                                                               |                                                                                                                                                               |                                                                                                                                                               |                                                                                                                                                                 |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div>MSP430FG479IZQWR</div> <div>Manufacturers: N/A</div> <div>Description: IC MCU 16BIT 60KB FLASH 113BGA</div> <div>In stock: 9097 pcs</div> <div>RFQ</div> | <div>MSP430FG478IZQW</div> <div>Manufacturers: N/A</div> <div>Description: IC MCU 16BIT 48KB FLASH 113BGA</div> <div>In stock: 12720 pcs</div> <div>RFQ</div> | <div>MSP430FG477IZQWR</div> <div>Manufacturers: N/A</div> <div>Description: IC MCU 16BIT 32KB FLASH 113BGA</div> <div>In stock: 9852 pcs</div> <div>RFQ</div> | <div>MSP430FG479IZQW</div> <div>Manufacturers: N/A</div> <div>Description: IC MCU 16BIT 60KB FLASH 113BGA</div> <div>In stock: 10555 pcs</div> <div>RFQ</div>   |
| <div>MSP430FG478IPN</div> <div>Manufacturers: N/A</div> <div>Description: IC MCU 16BIT 48KB FLASH 80LQFP</div> <div>In stock: 11326 pcs</div> <div>RFQ</div>  | <div>MSP430FG477IPN</div> <div>Manufacturers: N/A</div> <div>Description: IC MCU 16BIT 32KB FLASH 80LQFP</div> <div>In stock: 12453 pcs</div> <div>RFQ</div>  | <div>MSP430FG479IPN</div> <div>Manufacturers: N/A</div> <div>Description: IC MCU 16BIT 60KB FLASH 80LQFP</div> <div>In stock: 12024 pcs</div> <div>RFQ</div>  | <div>MSP430FG479IPNR</div> <div>Manufacturers: N/A</div> <div>Description: IC MCU 16BIT 60KB FLASH 80LQFP</div> <div>In stock: 7225 pcs</div> <div>RFQ</div>    |
| <div>MSP430FG478IZQWR</div> <div>Manufacturers: N/A</div> <div>Description: IC MCU 16BIT 48KB FLASH 113BGA</div> <div>In stock: 8694 pcs</div> <div>RFQ</div> | <div>MSP430FG477IPNR</div> <div>Manufacturers: N/A</div> <div>Description: IC MCU 16BIT 32KB FLASH 80LQFP</div> <div>In stock: 7946 pcs</div> <div>RFQ</div>  | <div>MSP430FG477IZQW</div> <div>Manufacturers: N/A</div> <div>Description: IC MCU 16BIT 32KB FLASH 113BGA</div> <div>In stock: 5585 pcs</div> <div>RFQ</div>  | <div>MSP430FG4619IZQWT</div> <div>Manufacturers: N/A</div> <div>Description: IC MCU 16BIT 120KB FLASH 113BGA</div> <div>In stock: 9692 pcs</div> <div>RFQ</div> |