



MSP430F4152IPMR

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | MSP430F4152IPMR                                                                                              |
| Manufacturer/Brand: | N/A                                                                                                          |
| Product description | IC MCU 16BIT 16KB FLASH 64LQFP                                                                               |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 51847 pcs stock                                                                                              |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

Specifications of MSP430F4152IPMR

|                                  |                                                                                              |
|----------------------------------|----------------------------------------------------------------------------------------------|
| PART NUMBER                      | MSP430F4152IPMR                                                                              |
| MANUFACTURER                     | N/A                                                                                          |
| DESCRIPTION                      | IC MCU 16BIT 16KB FLASH 64LQFP                                                               |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                   |
| QUANTITY AVAILABLE               | 51847 pcs                                                                                    |
| DATA SHEET                       |                                                                                              |
| VOLTAGE - SUPPLY (VCC/VDD)       | 1.8 V ~ 3.6 V                                                                                |
| SUPPLIER DEVICE PACKAGE          | 64-LQFP (10x10)                                                                              |
| SPEED                            | 8MHz                                                                                         |
| SERIES                           | MSP430x4xx                                                                                   |
| RAM SIZE                         | 512 x 8                                                                                      |
| PROGRAM MEMORY TYPE              | FLASH                                                                                        |
| PROGRAM MEMORY SIZE              | 16KB (16K x 8 + 256B)                                                                        |
| PERIPHERALS                      | Brown-out Detect/Reset, LCD, POR, PWM, WDT                                                   |
| PACKAGING                        | Tape & Reel (TR)                                                                             |
| PACKAGE / CASE                   | 64-LQFP                                                                                      |
| OTHER NAMES                      | 296-24861-2                                                                                  |
| OSCILLATOR TYPE                  | Internal                                                                                     |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                            |
| NUMBER OF I/O                    | 56                                                                                           |
| 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 16KB (16K x 8 + 256B) FLASH 64-LQFP (10x10) |
| DATA CONVERTERS                  | A/D 8x10b                                                                                    |
| CORE SIZE                        | 16-Bit                                                                                       |
| CORE PROCESSOR                   | MSP430                                                                                       |
| CONNECTIVITY                     | I <sup>2</sup> C, IrDA, LINbus, SCI, SPI, UART/USART                                         |
| BASE PART NUMBER                 | MSP430F4152                                                                                  |

Related Tags

|                               |                                    |                           |
|-------------------------------|------------------------------------|---------------------------|
| MSP430F4152IPMR               | MSP430F4152IPMR Distributor        | MSP430F4152IPMR Supplier  |
| MSP430F4152IPMR Price         | MSP430F4152IPMR Pictures           | MSP430F4152IPMR Image     |
| MSP430F4152IPMR PDF Datasheet | MSP430F4152IPMR Download Datasheet | MSP430F4152IPMR Datasheet |
| MSP430F4152IPMR Stock         | Buy MSP430F4152IPMR                | Buy MSP430F4152IPMR       |
| MSP430F4152IPMR               | Supplier                           | Distributor               |

Related Products

|                                                                                    |                                                                                                                            |                                                                                      |                                                                                                                            |
|------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------|
|  | <b>MSP430F4152IRGZ</b><br>Manufacturers: N/A<br>Description: IC MCU 16BIT 16KB FLASH 48VQFN<br>In stock: 4971 pcs<br>RFQ   |  | <b>MSP430F4132IRGZT</b><br>Manufacturers: N/A<br>Description: IC MCU 16BIT 8KB FLASH 48VQFN<br>In stock: 31120 pcs<br>RFQ  |
|  | <b>MSP430F4151IPM</b><br>Manufacturers: N/A<br>Description: IC MCU 16BIT 16KB FLASH 64LQFP<br>In stock: 25339 pcs<br>RFQ   |  | <b>MSP430F4151IRTDR</b><br>Manufacturers: N/A<br>Description: IC MCU 16BIT 16KB FLASH 64VQFN<br>In stock: 49037 pcs<br>RFQ |
|  | <b>MSP430F413IPMR</b><br>Manufacturers: N/A<br>Description: IC MCU 16BIT 8KB FLASH 64LQFP<br>In stock: 32908 pcs<br>RFQ    |  | <b>MSP430F413IPM</b><br>Manufacturers: N/A<br>Description: IC MCU 16BIT 8KB FLASH 64LQFP<br>In stock: 25944 pcs<br>RFQ     |
|  | <b>MSP430F4151IPMR</b><br>Manufacturers: N/A<br>Description: IC MCU 16BIT 16KB FLASH 64LQFP<br>In stock: 24754 pcs<br>RFQ  |  | <b>MSP430F4131IRTDR</b><br>Manufacturers: N/A<br>Description: IC MCU 16BIT 8KB FLASH 64VQFN<br>In stock: 55857 pcs<br>RFQ  |
|  | <b>MSP430F4152IRGZT</b><br>Manufacturers: N/A<br>Description: IC MCU 16BIT 16KB FLASH 48VQFN<br>In stock: 19866 pcs<br>RFQ |  | <b>MSP430F4131IRTD</b><br>Manufacturers: N/A<br>Description: IC MCU 16BIT 8KB FLASH 64VQFN<br>In stock: 34375 pcs<br>RFQ   |
|  | <b>MSP430F4152IRGZR</b><br>Manufacturers: N/A<br>Description: IC MCU 16BIT 16KB FLASH 48VQFN<br>In stock: 21020 pcs<br>RFQ |  | <b>MSP430F4152IPM</b><br>Manufacturers: N/A<br>Description: IC MCU 16BIT 16KB FLASH 64LQFP<br>In stock: 24345 pcs<br>RFQ   |