



MSP430F5242IRGZT

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | MSP430F5242IRGZT                                                                                             |
| Manufacturer/Brand: | N/A                                                                                                          |
| Product description | IC MCU 16BIT 64KB FLASH 48VQFN                                                                               |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 35285 pcs stock                                                                                              |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

Specifications of MSP430F5242IRGZT

|                                  |                                                                                      |
|----------------------------------|--------------------------------------------------------------------------------------|
| PART NUMBER                      | MSP430F5242IRGZT                                                                     |
| MANUFACTURER                     | N/A                                                                                  |
| DESCRIPTION                      | IC MCU 16BIT 64KB FLASH 48VQFN                                                       |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                           |
| QUANTITY AVAILABLE               | 35285 pcs                                                                            |
| DATA SHEET                       |                                                                                      |
| VOLTAGE - SUPPLY (VCC/VDD)       | 1.8 V ~ 3.6 V                                                                        |
| SUPPLIER DEVICE PACKAGE          | 48-VQFN (7x7)                                                                        |
| SPEED                            | 25MHz                                                                                |
| SERIES                           | MSP430F5xx                                                                           |
| RAM SIZE                         | 8K x 8                                                                               |
| PROGRAM MEMORY TYPE              | FLASH                                                                                |
| PROGRAM MEMORY SIZE              | 64KB (64K x 8)                                                                       |
| PERIPHERALS                      | Brown-out Detect/Reset, DMA, POR, PWM, WDT                                           |
| PACKAGING                        | Tape & Reel (TR)                                                                     |
| PACKAGE / CASE                   | 48-VFQFN Exposed Pad                                                                 |
| OTHER NAMES                      | 296-46442-2<br>MSP430F5242IRGZT-ND                                                   |
| OSCILLATOR TYPE                  | Internal                                                                             |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                    |
| NUMBER OF I/O                    | 37                                                                                   |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                        |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                           |
| EEPROM SIZE                      | -                                                                                    |
| DETAILED DESCRIPTION             | CPUXV2 MSP430F5xx Microcontroller IC 16-Bit 25MHz 64KB (64K x 8) FLASH 48-VQFN (7x7) |
| DATA CONVERTERS                  | A/D 10x10b                                                                           |
| CORE SIZE                        | 16-Bit                                                                               |
| CORE PROCESSOR                   | CPUXV2                                                                               |
| CONNECTIVITY                     | I²C, IrDA, SPI, UART/USART                                                           |

Related Tags

|                                |                                     |                            |
|--------------------------------|-------------------------------------|----------------------------|
| MSP430F5242IRGZT               | MSP430F5242IRGZT Distributor        | MSP430F5242IRGZT Supplier  |
| MSP430F5242IRGZT Price         | MSP430F5242IRGZT Pictures           | MSP430F5242IRGZT Image     |
| MSP430F5242IRGZT PDF Datasheet | MSP430F5242IRGZT Download Datasheet | MSP430F5242IRGZT Datasheet |
| MSP430F5242IRGZT Stock         | Buy MSP430F5242IRGZT                | Buy MSP430F5242IRGZT       |
| MSP430F5242IRGZT               | Supplier                            | Distributor                |

Related Products

|                                                                                    |                                                                                                                             |                                                                                      |                                                                                                                             |
|------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------|
|  | <b>MSP430F5247IZQER</b><br>Manufacturers: N/A<br>Description: IC MCU 16BIT 64KB FLASH 80BGA<br>In stock: 45616 pcs<br>RFQ   |  | <b>MSP430F5244IRGZR</b><br>Manufacturers: N/A<br>Description: IC MCU 16BIT 128KB FLASH 48VQFN<br>In stock: 33539 pcs<br>RFQ |
|  | <b>MSP430F5247IRGCR</b><br>Manufacturers: N/A<br>Description: IC MCU 16BIT 64KB FLASH 64VQFN<br>In stock: 49216 pcs<br>RFQ  |  | <b>MSP430F5239IZQE</b><br>Manufacturers: N/A<br>Description: IC MCU 16BIT 128KB FLASH 80BGA<br>In stock: 28114 pcs<br>RFQ   |
|  | <b>MSP430F5242IRGZR</b><br>Manufacturers: N/A<br>Description: IC MCU 16BIT 64KB FLASH 48VQFN<br>In stock: 42672 pcs<br>RFQ  |  | <b>MSP430F5237IZQER</b><br>Manufacturers: N/A<br>Description: IC MCU 16BIT 64KB FLASH 80BGA<br>In stock: 39100 pcs<br>RFQ   |
|  | <b>MSP430F5239IRGCR</b><br>Manufacturers: N/A<br>Description: IC MCU 16BIT 128KB FLASH 64VQFN<br>In stock: 42032 pcs<br>RFQ |  | <b>MSP430F5239IRGCT</b><br>Manufacturers: N/A<br>Description: IC MCU 16BIT 128KB FLASH 64VQFN<br>In stock: 23068 pcs<br>RFQ |
|  | <b>MSP430F5244IRGZT</b><br>Manufacturers: N/A<br>Description: IC MCU 16BIT 128KB FLASH 48VQFN<br>In stock: 25045 pcs<br>RFQ |  | <b>MSP430F5247IZQE</b><br>Manufacturers: N/A<br>Description: IC MCU 16BIT 64KB FLASH 80BGA<br>In stock: 33128 pcs<br>RFQ    |
|  | <b>MSP430F5239IZQER</b><br>Manufacturers: N/A<br>Description: IC MCU 16BIT 128KB FLASH 80BGA<br>In stock: 41597 pcs<br>RFQ  |  | <b>MSP430F5247IRGCT</b><br>Manufacturers: N/A<br>Description: IC MCU 16BIT 64KB FLASH 64VQFN<br>In stock: 34478 pcs<br>RFQ  |