

**N/A**

**MSP430FR5968IRGZT**

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | MSP430FR5968IRGZT                                                                                            |
| Manufacturer/Brand: | N/A                                                                                                          |
| Product description | IC MCU 16BIT 48KB FRAM 48VQFN                                                                                |
| Datasheets:         |                                                                                                              |
| RoHS Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 28828 pcs stock                                                                                              |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

## REQUEST FOR QUOTATION

## Specifications of MSP430FR5968IRGZT

|                                  |                                                                                       |
|----------------------------------|---------------------------------------------------------------------------------------|
| PART NUMBER                      | MSP430FR5968IRGZT                                                                     |
| MANUFACTURER                     | N/A                                                                                   |
| DESCRIPTION                      | IC MCU 16BIT 48KB FRAM 48VQFN                                                         |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                            |
| QUANTITY AVAILABLE               | 28828 pcs                                                                             |
| DATA SHEET                       |                                                                                       |
| VOLTAGE - SUPPLY (VCC/VDD)       | 1.8 V ~ 3.6 V                                                                         |
| SUPPLIER DEVICE PACKAGE          | 48-VQFN (7x7)                                                                         |
| SPEED                            | 16MHz                                                                                 |
| SERIES                           | MSP430™ FRAM                                                                          |
| RAM SIZE                         | 2K x 8                                                                                |
| PROGRAM MEMORY TYPE              | FRAM                                                                                  |
| PROGRAM MEMORY SIZE              | 48KB (48K x 8)                                                                        |
| PERIPHERALS                      | Brown-out Detect/Reset, DMA, POR, PWM, WDT                                            |
| PACKAGING                        | Tape & Reel (TR)                                                                      |
| PACKAGE / CASE                   | 48-VFQFN Exposed Pad                                                                  |
| OTHER NAMES                      | 296-42027-2<br>296-42027-5<br>296-42027-5-ND                                          |
| OSCILLATOR TYPE                  | Internal                                                                              |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                     |
| NUMBER OF I/O                    | 40                                                                                    |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                         |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                            |
| EEPROM SIZE                      | -                                                                                     |
| DETAILED DESCRIPTION             | CPUXV2 MSP430™ FRAM Microcontroller IC 16-Bit 16MHz 48KB (48K x 8) FRAM 48-VQFN (7x7) |
| DATA CONVERTERS                  | A/D 16x12b                                                                            |
| CORE SIZE                        | 16-Bit                                                                                |
| CORE PROCESSOR                   | CPUXV2                                                                                |
| CONNECTIVITY                     | I²C, IrDA, SCI, SPI, UART/USART                                                       |

## Related Tags

|                                 |                                      |                             |
|---------------------------------|--------------------------------------|-----------------------------|
| MSP430FR5968IRGZT               | MSP430FR5968IRGZT Distributor        | MSP430FR5968IRGZT Supplier  |
| MSP430FR5968IRGZT Price         | MSP430FR5968IRGZT Pictures           | MSP430FR5968IRGZT Image     |
| MSP430FR5968IRGZT PDF Datasheet | MSP430FR5968IRGZT Download Datasheet | MSP430FR5968IRGZT Datasheet |
| MSP430FR5968IRGZT Stock         | Buy MSP430FR5968IRGZT                | Buy MSP430FR5968IRGZT       |
| MSP430FR5968IRGZT               | Supplier                             | Distributor                 |

## Related Products

## MSP430FR5967IRGZR

Manufacturers: N/A  
Description: IC MCU 16BIT 32KB FRAM 48VQFN  
In stock: 41132 pcs

## MSP430FR5970IPMR

Manufacturers: N/A  
Description: IC MCU 16BIT 32KB FRAM 64LQFP  
In stock: 44242 pcs

**MSP430FR5967IRGZT**

Manufacturers: N/A  
Description: IC MCU 16BIT 32KB FRAM 48VQFN  
In stock: 26777 pcs

## MSP430FR5969IRGZT

Manufacturers: N/A  
Description: IC MCU 16BIT 64KB FRAM 48VQFN  
In stock: 17281 pcs

## MSP430FR5969IRGZR

Manufacturers: N/A  
Description: IC MCU 16BIT 64KB FRAM 48VQFN  
In stock: 35474 pcs

**MSP430FR5964IZVWR**

Manufacturers: N/A  
Description: IC MCU 16BIT 256KB FRAM 87NFBGA  
E-mail: [info@ic-components.eu](mailto:info@ic-components.eu)  
In stock: 12097 pcs

## MSP430FR59691IRGZR

Manufacturers: N/A  
Description: IC MCU 16BIT 64KB FRAM 48VQFN  
In stock: 43947 pcs

## MSP430FR5964IRGZR

Manufacturers: N/A  
Description: IC MCU 16BIT 256KB FRAM 48VQFN  
In stock: 22448 pcs

## MSP430FR5970IRGCR

Manufacturers: N/A  
Description: IC MCU 16BIT 32KB FRAM 64VQFN  
In stock: 43450 pcs

**MSP430FR5968IRGZR**

Manufacturers: N/A  
Description: IC MCU 16BIT 48KB FRAM 48VQFN  
In stock: 47512 pcs

**MSP430FR59691IRGZT**

Manufacturers: N/A  
Description: IC MCU 16BIT 64KB FRAM 48VQFN  
In stock: 28836 pcs

MSP430FR5964IPNR

Manufacturers: N/A  
Description: IC MCU 16BIT  
256KB FRAM 80LQFP  
In stock: 21481 pcs

RFO

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