

MSP430FR5922IRGCR



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Part Number: [MSP430FR5922IRGCR](#)

Manufacturer: [N/A](#)

Description: [IC MCU 16BIT 64KB FRAM 64VQFN](#)

Data sheet:

RoHs Status: [Lead free / RoHS Compliant](#)

Ship From: [Hong Kong](#)

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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                       |                                 |                            |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------|----------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                   | MSP430FR5922IRGCR                                                                     | Manufacturer                    | N/A                        |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                   | IC MCU 16BIT 64KB FRAM 64VQFN                                                         | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                            | 41376 pcs                                                                             | Data sheet                      |                            |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                      | <a href="#">Integrated Circuits (ICs)</a>                                             | Voltage - Supply (Vcc/Vdd)      | 1.8 V ~ 3.6 V              |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                       | 64-VQFN (9x9)                                                                         | Speed                           | 16MHz                      |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                        | MSP430™ FRAM                                                                          | RAM Size                        | 2K x 8                     |
| Program Memory Type                                                                                                                                                                                                                                                                                                                                                                                                           | FRAM                                                                                  | Program Memory Size             | 64KB (64K x 8)             |
| Peripherals                                                                                                                                                                                                                                                                                                                                                                                                                   | Brown-out Detect/Reset, DMA, POR, PWM, WDT                                            | Packaging                       | Tape & Reel (TR)           |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                | 64-VFQFN Exposed Pad                                                                  | Oscillator Type                 | Internal                   |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                         | -40°C ~ 85°C (TA)                                                                     | Number of I/O                   | 51                         |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                              | 1 (Unlimited)                                                                         | Manufacturer Standard Lead Time | 6 Weeks                    |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                                | Lead free / RoHS Compliant                                                            | EEPROM Size                     | -                          |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                          | CPUXV2 MSP430™ FRAM Microcontroller IC 16-Bit 16MHz 64KB (64K x 8) FRAM 64-VQFN (9x9) | Data Converters                 | A/D 8x12b                  |
| Core Size                                                                                                                                                                                                                                                                                                                                                                                                                     | 16-Bit                                                                                | Core Processor                  | CPUXV2                     |
| Connectivity                                                                                                                                                                                                                                                                                                                                                                                                                  | I²C, IrDA, SCI, SPI, UART/USART                                                       |                                 |                            |
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