

MSP430FR4133IG56R



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Part Number: [MSP430FR4133IG56R](#)

Manufacturer: N/A

Description: IC MCU 16BIT 15.5KB FRAM 56TSSOP

Data sheet:

RoHS Status: Lead free / RoHS Compliant

Ship From: Hong Kong

Shipment Way: DHL/Fedex/TNT/UPS/EMS

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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                      |                                  |                            |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|----------------------------------|----------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                   | MSP430FR4133IG56R                                                                    | Manufacturer                     | N/A                        |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                   | IC MCU 16BIT 15.5KB FRAM 56TSSOP                                                     | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                            | 80369 pcs                                                                            | Data sheet                       |                            |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                      | <a href="#">Integrated Circuits (ICs)</a>                                            | Voltage - Supply (Vcc/Vdd)       | 1.8 V ~ 3.6 V              |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                       | 56-TSSOP                                                                             | Speed                            | 16MHz                      |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                        | MSP430™ FRAM                                                                         | RAM Size                         | 2K x 8                     |
| Program Memory Type                                                                                                                                                                                                                                                                                                                                                                                                           | FRAM                                                                                 | Program Memory Size              | 15.5KB (15.5K x 8)         |
| Peripherals                                                                                                                                                                                                                                                                                                                                                                                                                   | Brown-out Detect/Reset, LCD, POR, PWM, WDT                                           | Packaging                        | Tape & Reel (TR)           |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                | 56-TFSOP (0.240", 6.10mm Width)                                                      | Other Names                      | 296-38521-2                |
| Oscillator Type                                                                                                                                                                                                                                                                                                                                                                                                               | Internal                                                                             | Operating Temperature            | -40°C ~ 85°C (TA)          |
| Number of I/O                                                                                                                                                                                                                                                                                                                                                                                                                 | 52                                                                                   | Moisture Sensitivity Level (MSL) | 3 (168 Hours)              |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                                | Lead free / RoHS Compliant                                                           | EEPROM Size                      | -                          |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                          | MSP430 MSP430™ FRAM Microcontroller IC 16-Bit 16MHz 15.5KB (15.5K x 8) FRAM 56-TSSOP | Data Converters                  | A/D 8x10b                  |
| Core Size                                                                                                                                                                                                                                                                                                                                                                                                                     | 16-Bit                                                                               | Core Processor                   | MSP430                     |
| Connectivity                                                                                                                                                                                                                                                                                                                                                                                                                  | I²C, IrDA, SCI, SPI, UART/USART                                                      |                                  |                            |
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|  | Part#: <a href="#">MSP430FR5720IRGER</a><br>Description: IC MCU 16BIT 4KB FRAM 24VQFN     | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MSP430FR5720IRGET</a><br>Description: IC MCU 16BIT 4KB FRAM 24VQFN     | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MSP430FR5721IDAR</a><br>Description: IC MCU 16BIT 4KB FRAM 38TSSOP     | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MSP430FR5721IRHAR</a><br>Description: IC MCU 16BIT 4KB FRAM 40VQFN     | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MSP430FR4132IPMR</a><br>Description: IC MCU 16BIT 8.5KB FRAM 64LQFP    | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MSP430FR4133IG48R</a><br>Description: IC MCU 16BIT 15.5KB FRAM 48TSSOP | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MSP430FR5720IPW</a><br>Description: IC MCU 16BIT 4KB FRAM 28TSSOP      | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MSP430FR4133IG56</a><br>Description: IC MCU 16BIT 15.5KB FRAM 56TSSOP  | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MSP430FR4132IG56R</a><br>Description: IC MCU 16BIT 8.5KB FRAM 56TSSOP  | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MSP430FR4132IG48R</a><br>Description: IC MCU 16BIT 8.5KB FRAM 48TSSOP  | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MSP430FR4132IG56</a><br>Description: IC MCU 16BIT 8.5KB FRAM 56TSSOP   | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MSP430FR5720IPWR</a><br>Description: IC MCU 16BIT 4KB FRAM 28TSSOP     | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MSP430FR4131IPMR</a><br>Description: IC MCU 16BIT 4.5KB FRAM 64LQFP    | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MSP430FR4133IPM</a><br>Description: IC MCU 16BIT 15.5KB FRAM 64LQFP    | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MSP430FR4131IG56R</a><br>Description: IC MCU 16BIT 4.5KB FRAM 56TSSOP  | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MSP430FR5721IRHAT</a><br>Description: IC MCU 16BIT 4KB FRAM 40VQFN     | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MSP430FR5721IDA</a><br>Description: IC MCU 16BIT 4KB FRAM 38TSSOP      | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MSP430FR4133IG48</a><br>Description: IC MCU 16BIT 15.5KB FRAM 48TSSOP  | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MSP430FR4132IG48</a><br>Description: IC MCU 16BIT 8.5KB FRAM 48TSSOP   | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |

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