


N/A

MSP430FR2533IDA

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| Part Number: | MSP430FR2533IDA |
| Manufacturer/Brand: | N/A |
| Product description: | IC MCU 16BIT 15.5KB FRAM 32TSSOP |
| Datasheets: | |
| RoHS Status: |  Lead free / RoHS Compliant |
| Ship From: | Hong Kong |
| Shipment Way: | DHL/Fedex/TNT/UPS/EMS |

[REQUEST FOR QUOTATION](#)

Image may be representation. See specifications for product details.

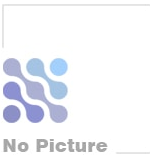
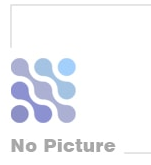
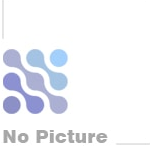
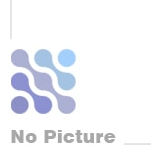
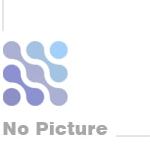
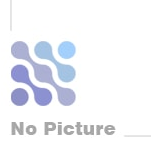
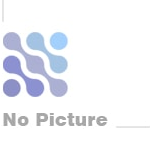
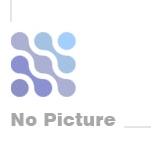
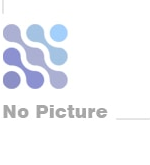
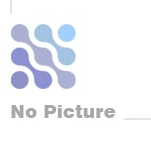
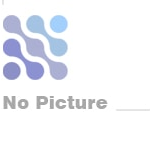
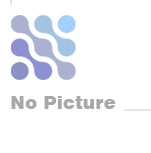
Specifications of MSP430FR2533IDA

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| PART NUMBER | MSP430FR2533IDA |
| MANUFACTURER | N/A |
| DESCRIPTION | IC MCU 16BIT 15.5KB FRAM 32TSSOP |
| LEAD FREE STATUS / ROHS STATUS | Lead free / RoHS Compliant |
| DATA SHEET | |
| VOLTAGE - SUPPLY (VCC/VDD) | 1.8 V ~ 3.6 V |
| SUPPLIER DEVICE PACKAGE | 32-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, POR, PWM, WDT |
| PACKAGING | Tube |
| PACKAGE / CASE | 32-TSSOP (0.240", 6.10mm Width) |
| OTHER NAMES | 296-43830 |
| OSCILLATOR TYPE | Internal |
| OPERATING TEMPERATURE | -40°C ~ 85°C (TA) |
| NUMBER OF I/O | 19 |
| MOISTURE SENSITIVITY LEVEL (MSL) | 2 (1 Year) |
| MANUFACTURER STANDARD LEAD TIME | 6 Weeks |
| 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 32-TSSOP |
| DATA CONVERTERS | A/D 8x10b |
| CORE SIZE | 16-Bit |
| CORE PROCESSOR | MSP430 |
| CONNECTIVITY | I ² C, IrDA, SCI, SPI, UART/USART |

Related Tags

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|---|--|---|
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Related Products

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|  <p>MSP430FR2522IRHLR Manufacturers: N/A Description: ULTRA LOW POWER MICRO CONTROLLER In stock: 79389 pcs</p> <p>RFQ</p> |  <p>MSP430FR2522IPW16R Manufacturers: N/A Description: ULTRA LOW POWER MICRO CONTROLLER In stock: 93418 pcs</p> <p>RFQ</p> |
|  <p>MSP430FR2632IRGER Manufacturers: N/A Description: IC MCU 16BIT 8.5KB FRAM 24VQFN In stock: 58299 pcs</p> <p>RFQ</p> |  <p>MSP430FR2632IYQWR Manufacturers: N/A Description: ULTRA LOW POWER MICRO CONTROLLER In stock: 52960 pcs</p> <p>RFQ</p> |
|  <p>MSP430FR2532IRGER Manufacturers: N/A Description: IC MCU 16BIT 8.5KB FRAM 24VQFN In stock: 95665 pcs</p> <p>RFQ</p> |  <p>MSP430FR2522IPW16 Manufacturers: N/A Description: MSP430 MCU WITH CAPTIVATE TECHNO In stock: 72848 pcs</p> <p>RFQ</p> |
|  <p>MSP430FR2522IRHLT Manufacturers: N/A Description: MSP430 MCU WITH CAPTIVATE TECHNO In stock: 57002 pcs</p> <p>RFQ</p> |  <p>MSP430FR2533IDAR Manufacturers: N/A Description: IC MCU 16BIT 15.5KB FRAM 32TSSOP In stock: 52729 pcs</p> <p>RFQ</p> |
|  <p>MSP430FR2533IRHBT Manufacturers: N/A Description: IC MCU 16BIT 15.5KB FRAM 32VQFN In stock: 38240 pcs</p> <p>RFQ</p> |  <p>MSP430FR2632IRGET Manufacturers: N/A Description: IC MCU 16BIT 8.5KB FRAM 24VQFN In stock: 48393 pcs</p> <p>RFQ</p> |
|  <p>MSP430FR2532IRGET Manufacturers: N/A Description: IC MCU 16BIT 8.5KB FRAM 24VQFN In stock: 85951 pcs</p> <p>RFQ</p> |  <p>MSP430FR2533IRHBR Manufacturers: N/A Description: IC MCU 16BIT 15.5KB FRAM 32VQFN In stock: 45790 pcs</p> <p>RFQ</p> |