



MSP430G2533IRHB32R

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | MSP430G2533IRHB32R                                                                                           |
| Manufacturer/Brand: | N/A                                                                                                          |
| Product description | IC MCU 16BIT 16KB FLASH 32VQFN                                                                               |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 33425 pcs stock                                                                                              |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

Specifications of MSP430G2533IRHB32R

|                                  |                                                                                      |
|----------------------------------|--------------------------------------------------------------------------------------|
| PART NUMBER                      | MSP430G2533IRHB32R                                                                   |
| MANUFACTURER                     | N/A                                                                                  |
| DESCRIPTION                      | IC MCU 16BIT 16KB FLASH 32VQFN                                                       |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                           |
| QUANTITY AVAILABLE               | 33425 pcs                                                                            |
| DATA SHEET                       |                                                                                      |
| VOLTAGE - SUPPLY (VCC/VDD)       | 1.8 V ~ 3.6 V                                                                        |
| SUPPLIER DEVICE PACKAGE          | 32-VQFN (5x5)                                                                        |
| SPEED                            | 16MHz                                                                                |
| SERIES                           | MSP430G2xx                                                                           |
| RAM SIZE                         | 512 x 8                                                                              |
| PROGRAM MEMORY TYPE              | FLASH                                                                                |
| PROGRAM MEMORY SIZE              | 16KB (16K x 8)                                                                       |
| PERIPHERALS                      | Brown-out Detect/Reset, PWM, WDT                                                     |
| PACKAGING                        | Cut Tape (CT)                                                                        |
| PACKAGE / CASE                   | 32-VFQFN Exposed Pad                                                                 |
| OTHER NAMES                      | 296-41342-1                                                                          |
| OSCILLATOR TYPE                  | Internal                                                                             |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                    |
| NUMBER OF I/O                    | 24                                                                                   |
| MOISTURE SENSITIVITY LEVEL (MSL) | 2 (1 Year)                                                                           |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                           |
| EEPROM SIZE                      | -                                                                                    |
| DETAILED DESCRIPTION             | MSP430 MSP430G2xx Microcontroller IC 16-Bit 16MHz 16KB (16K x 8) FLASH 32-VQFN (5x5) |
| DATA CONVERTERS                  | A/D 8x10b                                                                            |
| CORE SIZE                        | 16-Bit                                                                               |
| CORE PROCESSOR                   | MSP430                                                                               |
| CONNECTIVITY                     | I <sup>2</sup> C, IrDA, LINbus, SCI, SPI, UART/USART                                 |

Related Tags

|                                  |                                       |                              |
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| MSP430G2533IRHB32R               | MSP430G2533IRHB32R Distributor        | MSP430G2533IRHB32R Supplier  |
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Related Products

|                                                                                                                                                                  |                                                                                                                                                                  |                                                                                                                                                                  |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div>MSP430G2533IPW20</div> <div>Manufacturers: N/A</div> <div>Description: IC MCU 16BIT 16KB FLASH 20TSSOP</div> <div>In stock: 36554 pcs</div> <div>RFQ</div>  | <div>MSP430G2544IYFFR</div> <div>Manufacturers: N/A</div> <div>Description: IC MCU 16BIT 16KB FLASH 49DSBGA</div> <div>In stock: 73100 pcs</div> <div>RFQ</div>  | <div>MSP430G2533IN20</div> <div>Manufacturers: N/A</div> <div>Description: IC MCU 16BIT 16KB FLASH 20DIP</div> <div>In stock: 35610 pcs</div> <div>RFQ</div>     |
| <div>MSP430G2544IDA38R</div> <div>Manufacturers: N/A</div> <div>Description: IC MCU 16BIT 16KB FLASH 38TSSOP</div> <div>In stock: 68076 pcs</div> <div>RFQ</div> | <div>MSP430G2544IRHA40T</div> <div>Manufacturers: N/A</div> <div>Description: IC MCU 16BIT 16KB FLASH 40VQFN</div> <div>In stock: 55165 pcs</div> <div>RFQ</div> | <div>MSP430G2544IDA38</div> <div>Manufacturers: N/A</div> <div>Description: IC MCU 16BIT 16KB FLASH 38TSSOP</div> <div>In stock: 50728 pcs</div> <div>RFQ</div>  |
| <div>MSP430G2533IPW28R</div> <div>Manufacturers: N/A</div> <div>Description: IC MCU 16BIT 16KB FLASH 28TSSOP</div> <div>In stock: 61240 pcs</div> <div>RFQ</div> | <div>MSP430G2533IPW20R</div> <div>Manufacturers: N/A</div> <div>Description: IC MCU 16BIT 16KB FLASH 20TSSOP</div> <div>In stock: 91993 pcs</div> <div>RFQ</div> | <div>MSP430G2513IRHB32T</div> <div>Manufacturers: N/A</div> <div>Description: IC MCU 16BIT 16KB FLASH 32VQFN</div> <div>In stock: 66778 pcs</div> <div>RFQ</div> |
| <div>MSP430G2533IPW28R</div> <div>Manufacturers: N/A</div> <div>Description: IC MCU 16BIT 16KB FLASH 28TSSOP</div> <div>In stock: 82264 pcs</div> <div>RFQ</div> | <div>MSP430G2544IRHA40R</div> <div>Manufacturers: N/A</div> <div>Description: IC MCU 16BIT 16KB FLASH 40VQFN</div> <div>In stock: 81430 pcs</div> <div>RFQ</div> | <div>MSP430G2533IRHB32T</div> <div>Manufacturers: N/A</div> <div>Description: IC MCU 16BIT 16KB FLASH 32VQFN</div> <div>In stock: 50651 pcs</div> <div>RFQ</div> |

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Commercial Building, 114-118 Lockhart Road, Wan Chai, Hong Kong

