



MSP430G2312IPW14

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | MSP430G2312IPW14                                                                                             |
| Manufacturer/Brand: | N/A                                                                                                          |
| Product description | IC MCU 16BIT 4KB FLASH 14TSSOP                                                                               |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 63755 pcs stock                                                                                              |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

Specifications of MSP430G2312IPW14

|                                  |                                                                               |
|----------------------------------|-------------------------------------------------------------------------------|
| PART NUMBER                      | MSP430G2312IPW14                                                              |
| MANUFACTURER                     | N/A                                                                           |
| DESCRIPTION                      | IC MCU 16BIT 4KB FLASH 14TSSOP                                                |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                    |
| QUANTITY AVAILABLE               | 63755 pcs                                                                     |
| DATA SHEET                       |                                                                               |
| VOLTAGE - SUPPLY (VCC/VDD)       | 1.8 V ~ 3.6 V                                                                 |
| SUPPLIER DEVICE PACKAGE          | 14-TSSOP                                                                      |
| SPEED                            | 16MHz                                                                         |
| SERIES                           | MSP430G2xx                                                                    |
| RAM SIZE                         | 256 x 8                                                                       |
| PROGRAM MEMORY TYPE              | FLASH                                                                         |
| PROGRAM MEMORY SIZE              | 4KB (4K x 8)                                                                  |
| PERIPHERALS                      | Brown-out Detect/Reset, DMA, POR, PWM, WDT                                    |
| PACKAGING                        | Tube                                                                          |
| PACKAGE / CASE                   | 14-TSSOP (0.173", 4.40mm Width)                                               |
| OTHER NAMES                      | 296-29616-5<br>MSP430G2312IPW14-ND                                            |
| OSCILLATOR TYPE                  | Internal                                                                      |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                             |
| NUMBER OF I/O                    | 10                                                                            |
| MOISTURE SENSITIVITY LEVEL (MSL) | 1 (Unlimited)                                                                 |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                    |
| EEPROM SIZE                      | -                                                                             |
| DETAILED DESCRIPTION             | MSP430 MSP430G2xx Microcontroller IC 16-Bit 16MHz 4KB (4K x 8) FLASH 14-TSSOP |
| DATA CONVERTERS                  | -                                                                             |
| CORE SIZE                        | 16-Bit                                                                        |
| CORE PROCESSOR                   | MSP430                                                                        |
| CONNECTIVITY                     | I²C, SPI, USI                                                                 |
| BASE PART NUMBER                 | MSP430G2312                                                                   |

Related Tags

|                                |                                     |                            |
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| MSP430G2312IPW14               | MSP430G2312IPW14 Distributor        | MSP430G2312IPW14 Supplier  |
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| MSP430G2312IPW14               | Supplier                            | Distributor                |

Related Products

|                                                                                                                                                                |                                                                                                                                                                                                                                                                                                               |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div>MSP430G2313IN20</div> <div>Manufacturers: N/A</div> <div>Description: IC MCU 16BIT 4KB FLASH 20DIP</div> <div>In stock: 77372 pcs</div> <div>RFQ</div>    | <div>MSP430G2312IPW14R</div> <div>Manufacturers: N/A</div> <div>Description: IC MCU 16BIT 4KB FLASH 14TSSOP</div> <div>In stock: 124707 pcs</div>                                                                                                                                                             |
| <div>MSP430G2312IPW20</div> <div>Manufacturers: N/A</div> <div>Description: IC MCU 16BIT 4KB FLASH 20TSSOP</div> <div>In stock: 82107 pcs</div>                | <div>MSP430G2312IRSA16R</div> <div>Manufacturers: N/A</div> <div>Description: IC MCU 16BIT 4KB FLASH 16QFN</div> <div>In stock: 117003 pcs</div>                                                                                                                                                              |
| <div>MSP430G2303IPW28R</div> <div>Manufacturers: N/A</div> <div>Description: IC MCU 16BIT 4KB FLASH 28TSSOP</div> <div>In stock: 138569 pcs</div>              | <div>MSP430G2312IRSA16T</div> <div>Manufacturers: N/A</div> <div>Description: IC MCU 16BIT 4KB FLASH 16QFN</div> <div>In stock: 85001 pcs</div>                                                                                                                                                               |
| <div>MSP430G2303IRHB32T</div> <div>Manufacturers: N/A</div> <div>Description: IC MCU 16BIT 4KB FLASH 32VQFN</div> <div>In stock: 82200 pcs</div>               | <div>MSP430G2303IPW20R</div> <div>Manufacturers: N/A</div> <div>Description: IC MCU 16BIT 4KB FLASH 20TSSOP</div> <div>In stock: 118480 pcs</div> <div>MSP430G2312IN20</div> <div>Manufacturers: N/A</div> <div>Description: IC MCU 16BIT 4KB FLASH 20DIP</div> <div>In stock: 79865 pcs</div> <div>RFQ</div> |
| <div>MSP430G2312IPW20R</div> <div>Manufacturers: N/A</div> <div>Description: IC MCU 16BIT 4KB FLASH 20TSSOP</div> <div>In stock: 124341 pcs</div>              |                                                                                                                                                                                                                                                                                                               |
| <div>MSP430G2303IPW28</div> <div>Manufacturers: N/A</div> <div>Description: IC MCU 16BIT 4KB FLASH 28TSSOP</div> <div>In stock: 80200 pcs</div> <div>RFQ</div> | <div>MSP430G2303IRHB32R</div> <div>Manufacturers: N/A</div> <div>Description: IC MCU 16BIT 4KB FLASH 32VQFN</div> <div>In stock: 124308 pcs</div> <div>RFQ</div>                                                                                                                                              |

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