



MSP430G2231QPW1EP

|                     |                                                                                                                      |
|---------------------|----------------------------------------------------------------------------------------------------------------------|
| Part Number:        | MSP430G2231QPW1EP                                                                                                    |
| Manufacturer/Brand: | N/A                                                                                                                  |
| Product description | IC MCU 16BIT 2KB FLASH 14TSSOP                                                                                       |
| Datasheets:         |                                                                                                                      |
| RoHs Status         |  Contains lead / RoHS non-compliant |
| Stock Condition     | 40975 pcs stock                                                                                                      |
| Ship From           | Hong Kong                                                                                                            |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                |

REQUEST FOR QUOTATION

Specifications of MSP430G2231QPW1EP

|                                  |                                                                               |
|----------------------------------|-------------------------------------------------------------------------------|
| PART NUMBER                      | MSP430G2231QPW1EP                                                             |
| MANUFACTURER                     | N/A                                                                           |
| DESCRIPTION                      | IC MCU 16BIT 2KB FLASH 14TSSOP                                                |
| LEAD FREE STATUS / ROHS STATUS   | Contains lead / RoHS non-compliant                                            |
| QUANTITY AVAILABLE               | 40975 pcs                                                                     |
| DATA SHEET                       |                                                                               |
| VOLTAGE - SUPPLY (VCC/VDD)       | 1.8 V ~ 3.6 V                                                                 |
| SUPPLIER DEVICE PACKAGE          | 14-TSSOP                                                                      |
| SPEED                            | 16MHz                                                                         |
| SERIES                           | MSP430G2xx                                                                    |
| RAM SIZE                         | 128 x 8                                                                       |
| PROGRAM MEMORY TYPE              | FLASH                                                                         |
| PROGRAM MEMORY SIZE              | 2KB (2K x 8)                                                                  |
| PERIPHERALS                      | Brown-out Detect/Reset, POR, PWM, WDT                                         |
| PACKAGING                        | Tube                                                                          |
| PACKAGE / CASE                   | 14-TSSOP (0.173", 4.40mm Width)                                               |
| OTHER NAMES                      | 296-34960<br>MSP430G2231QPW1EP-ND                                             |
| OSCILLATOR TYPE                  | Internal                                                                      |
| OPERATING TEMPERATURE            | -40°C ~ 125°C (TA)                                                            |
| NUMBER OF I/O                    | 10                                                                            |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                 |
| LEAD FREE STATUS / ROHS STATUS   | Contains lead / RoHS non-compliant                                            |
| EEPROM SIZE                      | -                                                                             |
| DETAILED DESCRIPTION             | MSP430 MSP430G2xx Microcontroller IC 16-Bit 16MHz 2KB (2K x 8) FLASH 14-TSSOP |
| DATA CONVERTERS                  | A/D 8x10b                                                                     |
| CORE SIZE                        | 16-Bit                                                                        |
| CORE PROCESSOR                   | MSP430                                                                        |
| CONNECTIVITY                     | I <sup>2</sup> C, SPI                                                         |
| BASE PART NUMBER                 | MSP430G2231                                                                   |

Related Tags

|                                 |                                      |                             |
|---------------------------------|--------------------------------------|-----------------------------|
| MSP430G2231QPW1EP               | MSP430G2231QPW1EP Distributor        | MSP430G2231QPW1EP Supplier  |
| MSP430G2231QPW1EP Price         | MSP430G2231QPW1EP Pictures           | MSP430G2231QPW1EP Image     |
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| MSP430G2231QPW1EP               | Supplier                             | Distributor                 |

Related Products

|                                                                                                                                                                |                                                                                                                                                              |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div>MSP430G2232IN20</div> <div>Manufacturers: N/A</div> <div>Description: IC MCU 16BIT 2KB FLASH 20DIP</div> <div>In stock: 81399 pcs</div> <div>RFQ</div>    | <div>MSP430G2231IRSA16R</div> <div>Manufacturers: N/A</div> <div>Description: IC MCU 16BIT 2KB FLASH 16QFN</div> <div>In stock: 130711 pcs</div>             |
| <div>MSP430G2232IPW20R</div> <div>Manufacturers: N/A</div> <div>Description: IC MCU 16BIT 2KB FLASH 20TSSOP</div> <div>In stock: 142455 pcs</div>              | <div>MSP430G2231IRSAQ01</div> <div>Manufacturers: N/A</div> <div>Description: IC MCU 16BIT 2KB FLASH 16QFN</div> <div>In stock: 82567 pcs</div>              |
| <div>MSP430G2231IPW401</div> <div>Manufacturers: N/A</div> <div>Description: IC MCU 16BIT 2KB FLASH 14TSSOP</div> <div>In stock: 6085 pcs</div>                | <div>MSP430G2231IPW4R01</div> <div>Manufacturers: N/A</div> <div>Description: IC MCU 16BIT 2KB FLASH 14TSSOP</div> <div>In stock: 97313 pcs</div>            |
| <div>MSP430G2232IPW14</div> <div>Manufacturers: N/A</div> <div>Description: IC MCU 16BIT 2KB FLASH 14TSSOP</div> <div>In stock: 64816 pcs</div>                | <div>MSP430G2232IPW20</div> <div>Manufacturers: N/A</div> <div>Description: IC MCU 16BIT 2KB FLASH 20TSSOP</div> <div>In stock: 57621 pcs</div>              |
| <div>MSP430G2231QPW1EP</div> <div>Manufacturers: N/A</div> <div>Description: IC MCU 16BIT 2KB FLASH 14TSSOP</div> <div>In stock: 94043 pcs</div>               | <div>MSP430G2232IPW14R</div> <div>Manufacturers: N/A</div> <div>Description: IC MCU 16BIT 2KB FLASH 14TSSOP</div> <div>In stock: 127550 pcs</div>            |
| <div>MSP430G2231IRSA16T</div> <div>Manufacturers: N/A</div> <div>Description: IC MCU 16BIT 2KB FLASH 16QFN</div> <div>In stock: 76591 pcs</div> <div>RFQ</div> | <div>MSP430G2231IRSAQ1</div> <div>Manufacturers: N/A</div> <div>Description: IC MCU 16BIT 2KB FLASH 16QFN</div> <div>In stock: 6327 pcs</div> <div>RFQ</div> |

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