

MSP430G2312IPW14



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Part Number: [MSP430G2312IPW14](#)

Manufacturer: [N/A](#)

Description: [IC MCU 16BIT 4KB FLASH 14TSSOP](#)

Data sheet:

RoHs Status: [Lead free / RoHS Compliant](#)

Ship From: [Hong Kong](#)

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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                            |                                            |                                  |                                                                               |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------|----------------------------------|-------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                  | MSP430G2312IPW14                           | Manufacturer                     | N/A                                                                           |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                  | IC MCU 16BIT 4KB FLASH 14TSSOP             | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                    |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                           | 83393 pcs                                  | Data sheet                       |                                                                               |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                     | <a href="#">Integrated Circuits (ICs)</a>  | 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)                                                                 |
| Manufacturer Standard Lead Time                                                                                                                                                                                                                                                                                                                                                                                              | 6 Weeks                                    | 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                     | I <sup>2</sup> C, SPI, USI                                                    |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                             | MSP430G2312                                |                                  |                                                                               |
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|  | Part#: <a href="#">MSP430G2313IPW20</a><br>Description: <a href="#">IC MCU 16BIT 4KB FLASH 20TSSOP</a>  | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
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