

MSP430G2312IN20



COMPONENTS-WORLD.COM

Part Number: [MSP430G2312IN20](#)

Manufacturer: [N/A](#)

Description: [IC MCU 16BIT 4KB FLASH 20DIP](#)

Data sheet:

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

Ship From: [Hong Kong](#)

Shipment Way: [DHL/Fedex/TNT/UPS/EMS](#)

Images are for reference only.  
See Product Specifications for product details.  
Buy **MSP430G2312IN20** with confidence from  
Component-World.HK, 1 Year Warranty

Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                           |                                            |                                  |                                                                              |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------|----------------------------------|------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                 | MSP430G2312IN20                            | Manufacturer                     | N/A                                                                          |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                 | IC MCU 16BIT 4KB FLASH 20DIP               | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                   |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                          | 82841 pcs                                  | Data sheet                       |                                                                              |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                    | <a href="#">Integrated Circuits (ICs)</a>  | Voltage - Supply (Vcc/Vdd)       | 1.8 V ~ 3.6 V                                                                |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                     | 20-PDIP                                    | 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                                                                                                                                                                                                                                                                                                                                                                                                              | 20-DIP (0.300", 7.62mm)                    | Other Names                      | 296-29617-5<br>MSP430G2312IN20-ND                                            |
| Oscillator Type                                                                                                                                                                                                                                                                                                                                                                                                             | Internal                                   | Operating Temperature            | -40°C ~ 85°C (TA)                                                            |
| Number of I/O                                                                                                                                                                                                                                                                                                                                                                                                               | 16                                         | Moisture Sensitivity Level (MSL) | 1 (Unlimited)                                                                |
| Manufacturer Standard Lead Time                                                                                                                                                                                                                                                                                                                                                                                             | 10 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 20-PDIP |
| Data Converters                                                                                                                                                                                                                                                                                                                                                                                                             | -                                          | Core Size                        | 16-Bit                                                                       |
| Core Processor                                                                                                                                                                                                                                                                                                                                                                                                              | MSP430                                     | Connectivity                     | I <sup>2</sup> C, SPI, USI                                                   |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                            | MSP430G2312                                |                                  |                                                                              |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all series electronic components. We have 82841 pieces of MSP430G2312IN20 in stock available now. Request a quote from electronics components distributor at Component-World.com, our sales team will contact you within 24 hours.<br>RFQ Email: <a href="mailto:info@Components-World.com">info@Components-World.com</a> |                                            |                                  |                                                                              |

| RELATED PRODUCTS                                                                   |                                                                                                         |                                    |                |
|------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------|------------------------------------|----------------|
|  | 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> |
|  | Part#: <a href="#">MSP430G2313IPW28</a><br>Description: <a href="#">IC MCU 16BIT 4KB FLASH 28TSSOP</a>  | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MSP430G2303IRHB32T</a><br>Description: <a href="#">IC MCU 16BIT 4KB FLASH 32VQFN</a> | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MSP430G2312IPW20R</a><br>Description: <a href="#">IC MCU 16BIT 4KB FLASH 20TSSOP</a> | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MSP430G2303IPW20R</a><br>Description: <a href="#">IC MCU 16BIT 4KB FLASH 20TSSOP</a> | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MSP430G2303IRHB32R</a><br>Description: <a href="#">IC MCU 16BIT 4KB FLASH 32VQFN</a> | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MSP430G2303IPW20</a><br>Description: <a href="#">IC MCU 16BIT 4KB FLASH 20TSSOP</a>  | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MSP430G2313IN20</a><br>Description: <a href="#">IC MCU 16BIT 4KB FLASH 20DIP</a>     | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MSP430G2303IPW28R</a><br>Description: <a href="#">IC MCU 16BIT 4KB FLASH 28TSSOP</a> | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MSP430G2312IRSA16T</a><br>Description: <a href="#">IC MCU 16BIT 4KB FLASH 16QFN</a>  | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MSP430G2302IRSA16T</a><br>Description: <a href="#">IC MCU 16BIT 4KB FLASH 16QFN</a>  | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MSP430G2303IN20</a><br>Description: <a href="#">IC MCU 16BIT 4KB FLASH 20DIP</a>     | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MSP430G2302IPW20R</a><br>Description: <a href="#">IC MCU 16BIT 4KB FLASH 20TSSOP</a> | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MSP430G2312IPW20</a><br>Description: <a href="#">IC MCU 16BIT 4KB FLASH 20TSSOP</a>  | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MSP430G2302IRSA16R</a><br>Description: <a href="#">IC MCU 16BIT 4KB FLASH 16QFN</a>  | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MSP430G2312IRSA16R</a><br>Description: <a href="#">IC MCU 16BIT 4KB FLASH 16QFN</a>  | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MSP430G2303IPW28</a><br>Description: <a href="#">IC MCU 16BIT 4KB FLASH 28TSSOP</a>  | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MSP430G2312IPW14R</a><br>Description: <a href="#">IC MCU 16BIT 4KB FLASH 14TSSOP</a> | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MSP430G2312IPW14</a><br>Description: <a href="#">IC MCU 16BIT 4KB FLASH 14TSSOP</a>  | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MSP430G2313IPW20R</a><br>Description: <a href="#">IC MCU 16BIT 4KB FLASH 20TSSOP</a> | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |

Related keywords for **MSP430G2312IN20**

|                                    |                             |                          |                       |
|------------------------------------|-----------------------------|--------------------------|-----------------------|
| MSP430G2312IN20                    | MSP430G2312IN20 distributor | MSP430G2312IN20 supplier | MSP430G2312IN20 price |
| MSP430G2312IN20 download datasheet | MSP430G2312IN20 datasheet   | MSP430G2312IN20 stock    | buy MSP430G2312IN20   |