


MSP430G2153IN20



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Part Number: [MSP430G2153IN20](#)

Manufacturer: [N/A](#)

Description: [IC MCU 16BIT 1KB FLASH 20DIP](#)

Data sheet:

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





















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| PRODUCT PARAMETER   |  |                                  |  |
|---|--|----------------------------------|--|
| Part Number   | MSP430G2153IN20                            | Manufacturer                     | N/A  |
| Description   | IC MCU 16BIT 1KB FLASH 20DIP               | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant   |
| Quantity Available  | 85477 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              | 1KB (1K x 8)   |
| Peripherals   | Brown-out Detect/Reset, DMA, POR, PWM, WDT | Packaging                        | Tube   |
| Package / Case  | 20-DIP (0.300", 7.62mm)                    | Other Names                      | 296-33446-5<br>MSP430G2153IN20-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   | 26 Weeks                                   | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant   |
| EEPROM Size   | -  | Detailed Description             | MSP430 MSP430G2xx Microcontroller IC 16-Bit 16MHz 1KB (1K x 8) FLASH 20-PDIP |
| Data Converters   | A/D 8x10b                                  | Core Size                        | 16-Bit   |
| Core Processor  | MSP430                                     | Connectivity                     | I <sup>2</sup> C, IrDA, LINbus, SCI, SPI, UART/USART                         |
| Base Part Number  | MSP430G2153                                |                                  |  |
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|  | Part#: <a href="#">MSP430G2153IRHB32T</a><br>Description: <a href="#">IC MCU 16BIT 1KB FLASH 32VQFN</a> | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MSP430G2152IPW14R</a><br>Description: <a href="#">IC MCU 16BIT 1KB FLASH 14TSSOP</a> | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">MSP430G2152IPW20R</a><br>Description: <a href="#">IC MCU 16BIT 1KB FLASH 20TSSOP</a> | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">MSP430G2152IPW14</a><br>Description: <a href="#">IC MCU 16BIT 1KB FLASH 14TSSOP</a>  | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
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