

MSP430G2253IN20



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Part Number: [MSP430G2253IN20](#)

Manufacturer: [N/A](#)

Description: [IC MCU 16BIT 2KB FLASH 20DIP](#)

Data sheet:

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

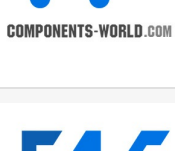
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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                              |                                 |                            |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------|---------------------------------|----------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                 | MSP430G2253IN20                                                              | Manufacturer                    | N/A                        |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                 | IC MCU 16BIT 2KB FLASH 20DIP                                                 | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                          | 63410 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             | 2KB (2K x 8)               |
| Peripherals                                                                                                                                                                                                                                                                                                                                                                                                                 | Brown-out Detect/Reset, DMA, POR, PWM, WDT                                   | Packaging                       | Tube                       |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                              | 20-DIP (0.300", 7.62mm)                                                      | 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 | 13 Weeks                   |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                              | Lead free / RoHS Compliant                                                   | EEPROM Size                     | -                          |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                        | MSP430 MSP430G2xx Microcontroller IC 16-Bit 16MHz 2KB (2K 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                | MSP430G2253                |
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|  | Part#: <a href="#">MSP430G2252IPW20</a><br>Description: <a href="#">IC MCU 16BIT 2KB FLASH 20TSSOP</a>  | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">MSP430G2253IRHB32T</a><br>Description: <a href="#">IC MCU 16BIT 2KB FLASH 32VQFN</a> | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">MSP430G2253IRHB32R</a><br>Description: <a href="#">IC MCU 16BIT 2KB FLASH 32VQFN</a> | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">MSP430G2302IN20</a><br>Description: <a href="#">IC MCU 16BIT 4KB FLASH 20DIP</a>     | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">MSP430G2302IPW1EP</a><br>Description: <a href="#">IC MCU 16BIT 4KB FLASH 14TSSOP</a> | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |

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