

MSP430G2253IPW28R



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Part Number: [MSP430G2253IPW28R](#)

Manufacturer: [N/A](#)

Description: [IC MCU 16BIT 2KB FLASH 28TSSOP](#)

Data sheet:

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

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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                               |                                 |                            |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------|---------------------------------|----------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                   | MSP430G2253IPW28R                                                             | Manufacturer                    | N/A                        |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                   | IC MCU 16BIT 2KB FLASH 28TSSOP                                                | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                            | 72992 pcs                                                                     | Data sheet                      |                            |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                      | <a href="#">Integrated Circuits (ICs)</a>                                     | Voltage - Supply (Vcc/Vdd)      | 1.8 V ~ 3.6 V              |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                       | 28-TSSOP                                                                      | 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                       | Tape & Reel (TR)           |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                | 28-TSSOP (0.173", 4.40mm Width)                                               | Oscillator Type                 | Internal                   |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                         | -40°C ~ 85°C (TA)                                                             | Number of I/O                   | 24                         |
| 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 2KB (2K x 8) FLASH 28-TSSOP | 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> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MSP430G2253IPW20</a><br>Description: <a href="#">IC MCU 16BIT 2KB FLASH 20TSSOP</a>   | Manufacturers: <a href="#">N/A</a> | <a href="#">RFQ</a> |
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|  | Part#: <a href="#">MSP430G2302IPW20R</a><br>Description: <a href="#">IC MCU 16BIT 4KB FLASH 20TSSOP</a>  | Manufacturers: <a href="#">N/A</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MSP430G2252IRSA16T</a><br>Description: <a href="#">IC MCU 16BIT 2KB FLASH 16QFN</a>   | Manufacturers: <a href="#">N/A</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MSP430G2253IRHB32T</a><br>Description: <a href="#">IC MCU 16BIT 2KB FLASH 32VQFN</a>  | Manufacturers: <a href="#">N/A</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MSP430G2302IPW14R</a><br>Description: <a href="#">IC MCU 16BIT 4KB FLASH 14TSSOP</a>  | Manufacturers: <a href="#">N/A</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MSP430G2302IN20</a><br>Description: <a href="#">IC MCU 16BIT 4KB FLASH 20DIP</a>      | Manufacturers: <a href="#">N/A</a> | <a href="#">RFQ</a> |
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|  | Part#: <a href="#">MSP430G2253IPW28</a><br>Description: <a href="#">IC MCU 16BIT 2KB FLASH 28TSSOP</a>   | Manufacturers: <a href="#">N/A</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MSP430G2302IPW14</a><br>Description: <a href="#">IC MCU 16BIT 4KB FLASH 14TSSOP</a>   | Manufacturers: <a href="#">N/A</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MSP430G2302IRSA16R</a><br>Description: <a href="#">IC MCU 16BIT 4KB FLASH 16QFN</a>   | Manufacturers: <a href="#">N/A</a> | <a href="#">RFQ</a> |

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