

MSP430G2001IPW4Q1



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Part Number: [MSP430G2001IPW4Q1](#)

Manufacturer: [N/A](#)

Description: [IC MCU 16BIT 512B FLASH 14TSSOP](#)

Data sheet:

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

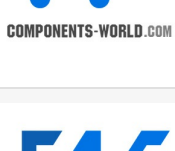
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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                            |                                           |                                |                                                                                                     |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|--------------------------------|-----------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                  | MSP430G2001IPW4Q1                         | Manufacturer                   | N/A                                                                                                 |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                  | IC MCU 16BIT 512B FLASH 14TSSOP           | Lead Free Status / RoHS Status | Lead free / RoHS Compliant                                                                          |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                           | 4080 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                                                                                                                                                                                                                                                                                                                                                                                                                       | Automotive, AEC-Q100, MSP430G2            | RAM Size                       | 128 x 8                                                                                             |
| Program Memory Type                                                                                                                                                                                                                                                                                                                                                                                                          | FLASH                                     | Program Memory Size            | 512B (512 x 8)                                                                                      |
| Peripherals                                                                                                                                                                                                                                                                                                                                                                                                                  | Brown-out Detect/Reset, POR, PWM, WDT     | Packaging                      | Tube                                                                                                |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                               | 14-TSSOP (0.173", 4.40mm Width)           | Oscillator Type                | Internal                                                                                            |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                        | -40°C ~ 85°C (TA)                         | Number of I/O                  | 10                                                                                                  |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                             | 1 (Unlimited)                             | Lead Free Status / RoHS Status | Lead free / RoHS Compliant                                                                          |
| EEPROM Size                                                                                                                                                                                                                                                                                                                                                                                                                  | -                                         | Detailed Description           | MSP430 Automotive, AEC-Q100, MSP430G2 Microcontroller IC 16-Bit 16MHz 512B (512 x 8) FLASH 14-TSSOP |
| Data Converters                                                                                                                                                                                                                                                                                                                                                                                                              | -                                         | Core Size                      | 16-Bit                                                                                              |
| Core Processor                                                                                                                                                                                                                                                                                                                                                                                                               | MSP430                                    | Connectivity                   | -                                                                                                   |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                             | MSP430G2001                               |                                |                                                                                                     |
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|  | Part#: <a href="#">MSP430G2001IN14</a><br>Description: <a href="#">IC MCU 16BIT 512B FLASH 14DIP</a>      | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MSP430G2001IRSAQ1</a><br>Description: <a href="#">IC MCU 16BIT 512B FLASH 16QFN</a>    | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MSP430FW428IPMR</a><br>Description: <a href="#">IC MCU 16BIT 48KB FLASH 64LQFP</a>     | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MSP430FW429IPMR</a><br>Description: <a href="#">IC MCU 16BIT 60KB FLASH 64LQFP</a>     | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MSP430G2001IPW14</a><br>Description: <a href="#">IC MCU 16BIT 512B FLASH 14TSSOP</a>   | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MSP430FW429IPM</a><br>Description: <a href="#">IC MCU 16BIT 60KB FLASH 64LQFP</a>      | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">MSP430G2101IPW14R</a><br>Description: <a href="#">IC MCU 16BIT 1KB FLASH 14TSSOP</a>   | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MSP430G2001IRSAQ1</a><br>Description: <a href="#">IC MCU 16BIT 512B FLASH 16QFN</a>    | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MSP430G2001IRSA16R</a><br>Description: <a href="#">IC MCU 16BIT 512B FLASH 16QFN</a>   | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MSP430FW427IPMR</a><br>Description: <a href="#">IC MCU 16BIT 32KB FLASH 64LQFP</a>     | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MSP430G2101IPW4Q1</a><br>Description: <a href="#">IC MCU 16BIT 1KB FLASH 14TSSOP</a>   | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MSP430FW427IPM</a><br>Description: <a href="#">IC MCU 16BIT 32KB FLASH 64LQFP</a>      | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MSP430G2001IRSA16T</a><br>Description: <a href="#">IC MCU 16BIT 512B FLASH 16QFN</a>   | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MSP430G2101IN14</a><br>Description: <a href="#">IC MCU 16BIT 1KB FLASH 14DIP</a>       | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MSP430G2001IPW4RQ1</a><br>Description: <a href="#">IC MCU 16BIT 512B FLASH 14TSSOP</a> | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MSP430FW425IPM</a><br>Description: <a href="#">IC MCU 16BIT 16KB FLASH 64LQFP</a>      | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MSP430FW425IPMR</a><br>Description: <a href="#">IC MCU 16BIT 16KB FLASH 64LQFP</a>     | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MSP430G2101IRSA16R</a><br>Description: <a href="#">IC MCU 16BIT 1KB FLASH 16QFN</a>    | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
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