

MSP430A052IPWR



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Part Number: [MSP430A052IPWR](#)

Manufacturer: [N/A](#)

Description: [IC MCU 16BIT 8KB FLASH 28TSSOP](#)

Data sheet:

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

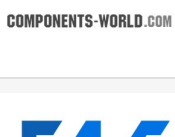
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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                          |                                           |                                  |                                                                            |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|----------------------------------|----------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                | MSP430A052IPWR                            | Manufacturer                     | N/A                                                                        |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                | IC MCU 16BIT 8KB FLASH 28TSSOP            | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                 |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                         | 44093 pcs                                 | Data sheet                       |                                                                            |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                   | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Supply (Vcc/Vdd)       | 1.8 V ~ 3.6 V                                                              |
| Speed                                                                                                                                                                                                                                                                                                                                                                                                                      | 8MHz                                      | Series                           | MSP430x1xx                                                                 |
| RAM Size                                                                                                                                                                                                                                                                                                                                                                                                                   | 256 x 8                                   | Program Memory Type              | FLASH                                                                      |
| Program Memory Size                                                                                                                                                                                                                                                                                                                                                                                                        | 8KB (8K x 8 + 256B)                       | Peripherals                      | POR, PWM, WDT                                                              |
| Oscillator Type                                                                                                                                                                                                                                                                                                                                                                                                            | Internal                                  | Operating Temperature            | -40°C ~ 85°C (TA)                                                          |
| Number of I/O                                                                                                                                                                                                                                                                                                                                                                                                              | 22                                        | Moisture Sensitivity Level (MSL) | 1 (Unlimited)                                                              |
| Manufacturer Standard Lead Time                                                                                                                                                                                                                                                                                                                                                                                            | 6 Weeks                                   | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                 |
| EEPROM Size                                                                                                                                                                                                                                                                                                                                                                                                                | -                                         | Detailed Description             | MSP430 MSP430x1xx Microcontroller IC 16-Bit 8MHz 8KB (8K x 8 + 256B) FLASH |
| Data Converters                                                                                                                                                                                                                                                                                                                                                                                                            | Slope A/D                                 | Core Size                        | 16-Bit                                                                     |
| Core Processor                                                                                                                                                                                                                                                                                                                                                                                                             | MSP430                                    | Connectivity                     | SPI, UART/USART                                                            |
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|  | Part#: <a href="#">MSP430A048IPMR</a><br>Description: <a href="#">IC MCU 16BIT 8KB FLASH 64LQFP</a>   | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">MSP430A064IPM</a><br>Description: <a href="#">IC MCU 16BIT 48KB FLASH 64LQFP</a>   | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MSP430A081IPWR</a><br>Description: <a href="#">IC MCU 16BIT 8KB FLASH 28TSSOP</a>  | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">MSP430A051IPMR</a><br>Description: <a href="#">IC MCU 16BIT 16KB FLASH 64LQFP</a>  | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">MSP430A062IPZR</a><br>Description: <a href="#">IC MCU 16BIT 48KB FLASH 100LQFP</a> | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MSP430A049IPMR</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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