

MSP430A008IPN



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Part Number: [MSP430A008IPN](#)

Manufacturer [N/A](#)

Description [IC MCU 16BIT 60KB FLASH 80LQFP](#)

Data sheet:

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

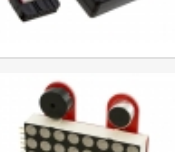
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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                         |                                           |                                  |                                                                              |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|----------------------------------|------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                               | MSP430A008IPN                             | Manufacturer                     | N/A                                                                          |
| Description                                                                                                                                                                                                                                                                                                                                                                                                               | IC MCU 16BIT 60KB FLASH 80LQFP            | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                   |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                        | 11618 pcs                                 | Data sheet                       |                                                                              |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                  | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Supply (Vcc/Vdd)       | 1.8 V ~ 3.6 V                                                                |
| Speed                                                                                                                                                                                                                                                                                                                                                                                                                     | 8MHz                                      | Series                           | MSP430x4xx                                                                   |
| RAM Size                                                                                                                                                                                                                                                                                                                                                                                                                  | 2K x 8                                    | Program Memory Type              | FLASH                                                                        |
| Program Memory Size                                                                                                                                                                                                                                                                                                                                                                                                       | 60KB (60K x 8 + 256B)                     | Peripherals                      | Brown-out Detect/Reset, DMA, LCD, POR, PWM, WDT                              |
| Oscillator Type                                                                                                                                                                                                                                                                                                                                                                                                           | Internal                                  | Operating Temperature            | -40°C ~ 85°C (TA)                                                            |
| Number of I/O                                                                                                                                                                                                                                                                                                                                                                                                             | 48                                        | Moisture Sensitivity Level (MSL) | 1 (Unlimited)                                                                |
| Manufacturer Standard Lead Time                                                                                                                                                                                                                                                                                                                                                                                           | 8 Weeks                                   | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                   |
| EEPROM Size                                                                                                                                                                                                                                                                                                                                                                                                               | -                                         | Detailed Description             | MSP430 MSP430x4xx Microcontroller IC 16-Bit 8MHz 60KB (60K x 8 + 256B) FLASH |
| Data Converters                                                                                                                                                                                                                                                                                                                                                                                                           | A/D 12x12b, D/A 2x12b                     | Core Size                        | 16-Bit                                                                       |
| Core Processor                                                                                                                                                                                                                                                                                                                                                                                                            | MSP430                                    | Connectivity                     | SPI, UART/USART                                                              |
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| RELATED PRODUCTS                                                                   |                                                                                              |                                       |                |
|------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|---------------------------------------|----------------|
|  | Part#: <a href="#">MSP430A024IPM</a><br>Description: IC MCU 16BIT 60KB FLASH 64LQFP          | Manufacturers: <a href="#">N/A</a>    | <div>RFQ</div> |
|  | Part#: <a href="#">MSP430A012IDWR</a><br>Description: IC MCU 16BIT 8KB FLASH 64LQFP          | Manufacturers: <a href="#">N/A</a>    | <div>RFQ</div> |
|  | Part#: <a href="#">MSP430-CCRFLCD</a><br>Description: MSP430 CC430F5137 PROTO BOARD          | Manufacturers: <a href="#">Olimex</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MSP430A010IPMR</a><br>Description: IC MCU 16BIT 60KB FLASH 64LQFP         | Manufacturers: <a href="#">N/A</a>    | <div>RFQ</div> |
|  | Part#: <a href="#">MSP430-PIR</a><br>Description: MSP430F2013 PIR DEMO BOARD                 | Manufacturers: <a href="#">Olimex</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MSP430A023IPM</a><br>Description: IC MCU 16BIT 8KB FLASH 64LQFP           | Manufacturers: <a href="#">N/A</a>    | <div>RFQ</div> |
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|  | Part#: <a href="#">MSP430A017IPN</a><br>Description: IC MCU 16BIT 32KB FLASH 80LQFP          | Manufacturers: <a href="#">N/A</a>    | <div>RFQ</div> |
|  | Part#: <a href="#">MSP430A002IPM</a><br>Description: IC MCU 16BIT 32KB FLASH 64LQFP          | Manufacturers: <a href="#">N/A</a>    | <div>RFQ</div> |
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|  | Part#: <a href="#">MSP430A009IPMR</a><br>Description: IC MCU 16BIT 48KB FLASH 64LQFP         | Manufacturers: <a href="#">N/A</a>    | <div>RFQ</div> |
|  | Part#: <a href="#">MSP430A001IPM</a><br>Description: IC MCU 16BIT 16KB FLASH 64LQFP          | Manufacturers: <a href="#">N/A</a>    | <div>RFQ</div> |
|  | Part#: <a href="#">MSP430-JTAG-ISO-MK2</a><br>Description: MSP430 FET JTAG DEBUGGER W/ LCD   | Manufacturers: <a href="#">Olimex</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MSP430-LED8X8BOOSTER</a><br>Description: MSP430 TI LAUNCHPAD ADD-ON BOARD | Manufacturers: <a href="#">Olimex</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MSP430-P1611</a><br>Description: OLIMEX MSP430 PROTOTYPE BOARD            | Manufacturers: <a href="#">Olimex</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MSP430-JTAG-TINY-V2</a><br>Description: MSP430 FET JTAG DEBUGGER          | Manufacturers: <a href="#">Olimex</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MSP430A002IPMR</a><br>Description: IC MCU 16BIT 32KB FLASH 64LQFP         | Manufacturers: <a href="#">N/A</a>    | <div>RFQ</div> |
|  | Part#: <a href="#">MSP430A023IPMR</a><br>Description: IC MCU 16BIT 8KB FLASH 64LQFP          | Manufacturers: <a href="#">N/A</a>    | <div>RFQ</div> |
|  | Part#: <a href="#">MSP4301103IPWR</a><br>Description: IC MCU 16BIT 16KB FLASH 24TSSOP        | Manufacturers: <a href="#">N/A</a>    | <div>RFQ</div> |
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