

N/A

### MSP430F5171IDA

Part Number: MSP430F5171IDA  
 Manufacturer/Brand: N/A  
 Product description: IC MCU 16BIT 32KB FLASH 38TSSOP  
 Datasheets:  
 RoHS Status: Lead free / RoHS Compliant  
 Ship From: Hong Kong  
 Shipment Way: DHL/Fedex/TNT/UPS/EMS



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Image may be representation. See specifications for product details.

#### Specifications of MSP430F5171IDA

|                                  |   |
|----------------------------------|---|
| PART NUMBER                      | MSP430F5171IDA  |
| MANUFACTURER                     | N/A   |
| DESCRIPTION                      | IC MCU 16BIT 32KB FLASH 38TSSOP   |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant  |
| DATA SHEET                       |   |
| VOLTAGE - SUPPLY (VCC/VDD)       | 1.8 V ~ 3.6 V   |
| SUPPLIER DEVICE PACKAGE          | 38-TSSOP  |
| SPEED                            | 25MHz   |
| SERIES                           | MSP430F5xx  |
| RAM SIZE                         | 2K x 8  |
| PROGRAM MEMORY TYPE              | FLASH   |
| PROGRAM MEMORY SIZE              | 32KB (32K x 8)  |
| PERIPHERALS                      | Brown-out Detect/Reset, DMA, POR, PWM, WDT                                      |
| PACKAGING                        | Tube  |
| PACKAGE / CASE                   | 38-TSSOP (0.240", 6.10mm Width)   |
| OSCILLATOR TYPE                  | Internal  |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)   |
| NUMBER OF I/O                    | 29  |
| MOISTURE SENSITIVITY LEVEL (MSL) | 2 (1 Year)  |
| MANUFACTURER STANDARD LEAD TIME  | 20 Weeks  |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant  |
| EEPROM SIZE                      | -   |
| DETAILED DESCRIPTION             | CPUXV2 MSP430F5xx Microcontroller IC 16-Bit 25MHz 32KB (32K x 8) FLASH 38-TSSOP |
| DATA CONVERTERS                  | -   |
| CORE SIZE                        | 16-Bit  |
| CORE PROCESSOR                   | CPUXV2  |
| CONNECTIVITY                     | I <sup>2</sup> C, IrDA, SCI, SPI, UART/USART                                    |
| BASE PART NUMBER                 | MSP430F5171   |

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#### Related Products

|  |  |
|--|--|
| <p><b>MSP430F5152IDAR</b><br/>                 Manufacturers: N/A<br/>                 Description: IC MCU 16BIT 16KB FLASH 38TSSOP<br/>                 In stock: 66507 pcs<br/> <a href="#">RFQ</a></p>  | <p><b>MSP430F5152IRSBT</b><br/>                 Manufacturers: N/A<br/>                 Description: IC MCU 16BIT 16KB FLASH 40WQFN<br/>                 In stock: 42757 pcs<br/> <a href="#">RFQ</a></p>  |
| <p><b>MSP430F5152IRSBR</b><br/>                 Manufacturers: N/A<br/>                 Description: IC MCU 16BIT 16KB FLASH 40WQFN<br/>                 In stock: 54626 pcs<br/> <a href="#">RFQ</a></p>  | <p><b>MSP430F5171IYFFR</b><br/>                 Manufacturers: N/A<br/>                 Description: IC MCU 16BIT 32KB FLASH 40DSBGA<br/>                 In stock: 56498 pcs<br/> <a href="#">RFQ</a></p> |
| <p><b>MSP430F5172IDA</b><br/>                 Manufacturers: N/A<br/>                 Description: IC MCU 16BIT 32KB FLASH 38TSSOP<br/>                 In stock: 33443 pcs<br/> <a href="#">RFQ</a></p>   | <p><b>MSP430F5152IYFFT</b><br/>                 Manufacturers: N/A<br/>                 Description: IC MCU 16BIT 16KB FLASH 40DSBGA<br/>                 In stock: 45104 pcs<br/> <a href="#">RFQ</a></p> |
| <p><b>MSP430F5171IYFFT</b><br/>                 Manufacturers: N/A<br/>                 Description: IC MCU 16BIT 32KB FLASH 40DSBGA<br/>                 In stock: 38814 pcs<br/> <a href="#">RFQ</a></p> | <p><b>MSP430F5152IYFFR</b><br/>                 Manufacturers: N/A<br/>                 Description: IC MCU 16BIT 16KB FLASH 40DSBGA<br/>                 In stock: 55559 pcs<br/> <a href="#">RFQ</a></p> |
| <p><b>MSP430F5171IRSBT</b><br/>                 Manufacturers: N/A<br/>                 Description: IC MCU 16BIT 32KB FLASH 40WQFN<br/>                 In stock: 38405 pcs<br/> <a href="#">RFQ</a></p>  | <p><b>MSP430F5171IRSBR</b><br/>                 Manufacturers: N/A<br/>                 Description: IC MCU 16BIT 32KB FLASH 40WQFN<br/>                 In stock: 65256 pcs<br/> <a href="#">RFQ</a></p>  |
| <p><b>MSP430F5152IDA</b><br/>                 Manufacturers: N/A<br/>                 Description: IC MCU 16BIT 16KB FLASH 38TSSOP<br/>                 In stock: 39354 pcs<br/> <a href="#">RFQ</a></p>   | <p><b>MSP430F5171IDAR</b><br/>                 Manufacturers: N/A<br/>                 Description: IC MCU 16BIT 32KB FLASH 38TSSOP<br/>                 In stock: 62431 pcs<br/> <a href="#">RFQ</a></p>  |