



MSP430F2012TN

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | MSP430F2012TN                                                                                                |
| Manufacturer/Brand: | N/A                                                                                                          |
| Product description | IC MCU 16BIT 2KB FLASH 14DIP                                                                                 |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 40722 pcs stock                                                                                              |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

Specifications of MSP430F2012TN

|                                  |                                                                                     |
|----------------------------------|-------------------------------------------------------------------------------------|
| PART NUMBER                      | MSP430F2012TN                                                                       |
| MANUFACTURER                     | N/A                                                                                 |
| DESCRIPTION                      | IC MCU 16BIT 2KB FLASH 14DIP                                                        |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                          |
| QUANTITY AVAILABLE               | 40722 pcs                                                                           |
| DATA SHEET                       |                                                                                     |
| VOLTAGE - SUPPLY (VCC/VDD)       | 1.8 V ~ 3.6 V                                                                       |
| SUPPLIER DEVICE PACKAGE          | 14-PDIP                                                                             |
| SPEED                            | 16MHz                                                                               |
| SERIES                           | MSP430F2xx                                                                          |
| RAM SIZE                         | 128 x 8                                                                             |
| PROGRAM MEMORY TYPE              | FLASH                                                                               |
| PROGRAM MEMORY SIZE              | 2KB (2K x 8 + 256B)                                                                 |
| PERIPHERALS                      | Brown-out Detect/Reset, POR, PWM, WDT                                               |
| PACKAGING                        | Tube                                                                                |
| PACKAGE / CASE                   | 14-DIP (0.300", 7.62mm)                                                             |
| OTHER NAMES                      | 296-19733-5                                                                         |
| OSCILLATOR TYPE                  | Internal                                                                            |
| OPERATING TEMPERATURE            | -40°C ~ 105°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 MSP430F2xx Microcontroller IC 16-Bit 16MHz 2KB (2K x 8 + 256B) FLASH 14-PDIP |
| DATA CONVERTERS                  | A/D 8x10b                                                                           |
| CORE SIZE                        | 16-Bit                                                                              |
| CORE PROCESSOR                   | MSP430                                                                              |
| CONNECTIVITY                     | I <sup>2</sup> C, SPI                                                               |
| BASE PART NUMBER                 | MSP430F2012                                                                         |

Related Tags

|                             |                                  |                         |
|-----------------------------|----------------------------------|-------------------------|
| MSP430F2012TN               | MSP430F2012TN Distributor        | MSP430F2012TN Supplier  |
| MSP430F2012TN Price         | MSP430F2012TN Pictures           | MSP430F2012TN Image     |
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| MSP430F2012TN Stock         | Buy MSP430F2012TN                | Buy MSP430F2012TN       |
| MSP430F2012TN               | Supplier                         | Distributor             |

Related Products

|                                                                                    |                                                                                                                                                 |                                                                                      |                                                                                                                                                  |
|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|
|  | <p><b>MSP430F2012IN</b></p> <p>Manufacturers: N/A</p> <p>Description: IC MCU 16BIT 2KB FLASH 14DIP</p> <p>In stock: 47409 pcs</p> <p>RFQ</p>    |  | <p><b>MSP430F2013IPW</b></p> <p>Manufacturers: N/A</p> <p>Description: IC MCU 16BIT 2KB FLASH 14TSSOP</p> <p>In stock: 34986 pcs</p> <p>RFQ</p>  |
|  | <p><b>MSP430F2012TPW</b></p> <p>Manufacturers: N/A</p> <p>Description: IC MCU 16BIT 2KB FLASH 14TSSOP</p> <p>In stock: 45555 pcs</p> <p>RFQ</p> |  | <p><b>MSP430F2012IRSAR</b></p> <p>Manufacturers: N/A</p> <p>Description: IC MCU 16BIT 2KB FLASH 16QFN</p> <p>In stock: 46343 pcs</p> <p>RFQ</p>  |
|  | <p><b>MSP430F2012IRSAT</b></p> <p>Manufacturers: N/A</p> <p>Description: IC MCU 16BIT 2KB FLASH 16QFN</p> <p>In stock: 64061 pcs</p> <p>RFQ</p> |  | <p><b>MSP430F2011TRSAT</b></p> <p>Manufacturers: N/A</p> <p>Description: IC MCU 16BIT 2KB FLASH 16QFN</p> <p>In stock: 88760 pcs</p> <p>RFQ</p>  |
|  | <p><b>MSP430F2012IPW</b></p> <p>Manufacturers: N/A</p> <p>Description: IC MCU 16BIT 2KB FLASH 14TSSOP</p> <p>In stock: 38801 pcs</p> <p>RFQ</p> |  | <p><b>MSP430F2012TRSAR</b></p> <p>Manufacturers: N/A</p> <p>Description: IC MCU 16BIT 2KB FLASH 16QFN</p> <p>In stock: 86822 pcs</p> <p>RFQ</p>  |
|  | <p><b>MSP430F2012TRSAT</b></p> <p>Manufacturers: N/A</p> <p>Description: IC MCU 16BIT 2KB FLASH 16QFN</p> <p>In stock: 57257 pcs</p> <p>RFQ</p> |  | <p><b>MSP430F2012TPWR</b></p> <p>Manufacturers: N/A</p> <p>Description: IC MCU 16BIT 2KB FLASH 14TSSOP</p> <p>In stock: 86681 pcs</p> <p>RFQ</p> |
|  | <p><b>MSP430F2013IN</b></p> <p>Manufacturers: N/A</p> <p>Description: IC MCU 16BIT 2KB FLASH 14DIP</p> <p>In stock: 43460 pcs</p> <p>RFQ</p>    |  | <p><b>MSP430F2012IPWR</b></p> <p>Manufacturers: N/A</p> <p>Description: IC MCU 16BIT 2KB FLASH 14TSSOP</p> <p>In stock: 81530 pcs</p> <p>RFQ</p> |