

N/A

### MSP430F2003TN

Part Number: MSP430F2003TN  
 Manufacturer/Brand: N/A  
 Product description: IC MCU 16BIT 1KB FLASH 14DIP  
 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 MSP430F2003TN

PART NUMBER	MSP430F2003TN
MANUFACTURER	N/A
DESCRIPTION	IC MCU 16BIT 1KB FLASH 14DIP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
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	1KB (1K x 8 + 256B)
PERIPHERALS	Brown-out Detect/Reset, POR, PWM, WDT
PACKAGING	Tube
PACKAGE / CASE	14-DIP (0.300", 7.62mm)
OTHER NAMES	296-19693-5
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 105°C (TA)
NUMBER OF I/O	10
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 MSP430F2xx Microcontroller IC 16-Bit 16MHz 1KB (1K x 8 + 256B) FLASH 14-PDIP
DATA CONVERTERS	A/D 10x16b
CORE SIZE	16-Bit
CORE PROCESSOR	MSP430
CONNECTIVITY	I <sup>2</sup> C, SPI
BASE PART NUMBER	MSP430F2003

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<p><b>MSP430F2003TPW</b>                  Manufacturers: N/A                  Description: IC MCU 16BIT 1KB FLASH 14TSSOP                  In stock: 54924 pcs  <a href="#">RFQ</a></p>	<p><b>MSP430F2003IN</b>                  Manufacturers: N/A                  Description: IC MCU 16BIT 1KB FLASH 14DIP                  In stock: 58277 pcs  <a href="#">RFQ</a></p>
<p><b>MSP430F2011IPW</b>                  Manufacturers: N/A                  Description: IC MCU 16BIT 2KB FLASH 14TSSOP                  In stock: 63647 pcs  <a href="#">RFQ</a></p>	<p><b>MSP430F2003IRSAR</b>                  Manufacturers: N/A                  Description: IC MCU 16BIT 1KB FLASH 16QFN                  In stock: 88366 pcs  <a href="#">RFQ</a></p>
<p><b>MSP430F2003IRSAT</b>                  Manufacturers: N/A                  Description: IC MCU 16BIT 1KB FLASH 16QFN                  In stock: 76273 pcs  <a href="#">RFQ</a></p>	<p><b>MSP430F2003TRSAR</b>                  Manufacturers: N/A                  Description: IC MCU 16BIT 1KB FLASH 16QFN                  In stock: 65220 pcs  <a href="#">RFQ</a></p>
<p><b>MSP430F2011IN</b>                  Manufacturers: N/A                  Description: IC MCU 16BIT 2KB FLASH 14DIP                  In stock: 73606 pcs  <a href="#">RFQ</a></p>	<p><b>MSP430F2003IPW</b>                  Manufacturers: N/A                  Description: IC MCU 16BIT 1KB FLASH 14TSSOP                  In stock: 47605 pcs  <a href="#">RFQ</a></p>
<p><b>MSP430F2003IPWR</b>                  Manufacturers: N/A                  Description: IC MCU 16BIT 1KB FLASH 14TSSOP                  In stock: 92147 pcs  <a href="#">RFQ</a></p>	<p><b>MSP430F2003TRSAT</b>                  Manufacturers: N/A                  Description: IC MCU 16BIT 1KB FLASH 16QFN                  In stock: 44700 pcs  <a href="#">RFQ</a></p>