

N/A

### MSP430F2003TRSAR

Part Number:	MSP430F2003TRSAR
Manufacturer/Brand:	N/A
Product description:	IC MCU 16BIT 1KB FLASH 16QFN
Datasheets:	
RoHS Status:	Lead free / RoHS Compliant
Stock Condition:	29984 pcs stock
Ship From:	Hong Kong
Shipment Way:	DHL/Fedex/TNT/UPS/EMS

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#### Specifications of MSP430F2003TRSAR

PART NUMBER	MSP430F2003TRSAR
MANUFACTURER	N/A
DESCRIPTION	IC MCU 16BIT 1KB FLASH 16QFN
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	29984 pcs
DATA SHEET	
VOLTAGE - SUPPLY (VCC/VDD)	1.8 V ~ 3.6 V
SUPPLIER DEVICE PACKAGE	16-QFN (4x4)
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	Cut Tape (CT)
PACKAGE / CASE	16-VQFN Exposed Pad
OTHER NAMES	296-43083-1
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 105°C (TA)
NUMBER OF I/O	10
MOISTURE SENSITIVITY LEVEL (MSL)	2 (1 Year)
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 16-QFN (4x4)
DATA CONVERTERS	A/D 10x16b
CORE SIZE	16-Bit
CORE PROCESSOR	MSP430
CONNECTIVITY	I <sup>2</sup> C, SPI

#### Related Tags

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#### Related Products

	<p><b>MSP430F2011IRSAR</b></p> <p>Manufacturers: N/A Description: IC MCU 16BIT 2KB FLASH 16QFN In stock: 157490 pcs</p> <p><a href="#">RFQ</a></p>		<p><b>MSP430F2003IRSAR</b></p> <p>Manufacturers: N/A Description: IC MCU 16BIT 1KB FLASH 16QFN In stock: 86886 pcs</p> <p><a href="#">RFQ</a></p>
	<p><b>MSP430F2003TPWR</b></p> <p>Manufacturers: N/A Description: IC MCU 16BIT 1KB FLASH 14TSSOP In stock: 64278 pcs</p> <p><a href="#">RFQ</a></p>		<p><b>MSP430F2003IRSAT</b></p> <p>Manufacturers: N/A Description: IC MCU 16BIT 1KB FLASH 16QFN In stock: 42754 pcs</p> <p><a href="#">RFQ</a></p>
	<p><b>MSP430F2011IRSAT</b></p> <p>Manufacturers: N/A Description: IC MCU 16BIT 2KB FLASH 16QFN In stock: 93059 pcs</p> <p><a href="#">RFQ</a></p>		<p><b>MSP430F2011IPWR</b></p> <p>Manufacturers: N/A Description: IC MCU 16BIT 2KB FLASH 14TSSOP In stock: 130164 pcs</p> <p><a href="#">RFQ</a></p>
	<p><b>MSP430F2011IPW</b></p> <p>Manufacturers: N/A Description: IC MCU 16BIT 2KB FLASH 14TSSOP In stock: 98307 pcs</p> <p><a href="#">RFQ</a></p>		<p><b>MSP430F2003TPW</b></p> <p>Manufacturers: N/A Description: IC MCU 16BIT 1KB FLASH 14TSSOP In stock: 50516 pcs</p> <p><a href="#">RFQ</a></p>
	<p><b>MSP430F2003TRSAT</b></p> <p>Manufacturers: N/A Description: IC MCU 16BIT 1KB FLASH 16QFN In stock: 33623 pcs</p> <p><a href="#">RFQ</a></p>		<p><b>MSP430F2011IN</b></p> <p>Manufacturers: N/A Description: IC MCU 16BIT 2KB FLASH 14DIP In stock: 98510 pcs</p> <p><a href="#">RFQ</a></p>
	<p><b>MSP430F2003IPWR</b></p> <p>Manufacturers: N/A Description: IC MCU 16BIT 1KB FLASH 14TSSOP In stock: 77169 pcs</p> <p><a href="#">RFQ</a></p>		<p><b>MSP430F2003TN</b></p> <p>Manufacturers: N/A Description: IC MCU 16BIT 1KB FLASH 14DIP In stock: 37401 pcs</p> <p><a href="#">RFQ</a></p>