



DSPIC30F2023T-30I/PT

Part Number:	DSPIC30F2023T-30I/PT
Manufacturer/Brand:	Micrel / Microchip Technology
Product description	IC MCU 16BIT 12KB FLASH 44TQFP
	1.DSPIC30F2023T-30I/PT.pdf
	2.DSPIC30F2023T-30I/PT.pdf
	3.DSPIC30F2023T-30I/PT.pdf
	4.DSPIC30F2023T-30I/PT.pdf
	5.DSPIC30F2023T-30I/PT.pdf
	6.DSPIC30F2023T-30I/PT.pdf
Datasheets:	
RoHs Status	 Lead free / RoHS Compliant
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

Image may be representation. See specifications for product details.

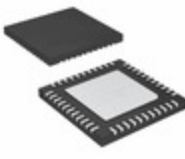
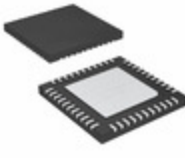
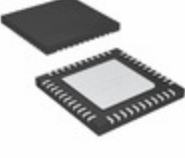
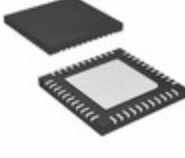
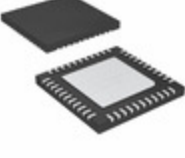
Specifications of DSPIC30F2023T-30I/PT

PART NUMBER	DSPIC30F2023T-30I/PT
MANUFACTURER	Micrel / Microchip Technology
DESCRIPTION	IC MCU 16BIT 12KB FLASH 44TQFP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	1.DSPIC30F2023T-30I/PT.pdf 2.DSPIC30F2023T-30I/PT.pdf 3.DSPIC30F2023T-30I/PT.pdf 4.DSPIC30F2023T-30I/PT.pdf 5.DSPIC30F2023T-30I/PT.pdf 6.DSPIC30F2023T-30I/PT.pdf
VOLTAGE - SUPPLY (VCC/VDD)	3 V ~ 5.5 V
SUPPLIER DEVICE PACKAGE	44-TQFP (10x10)
SPEED	30 MIPs
SERIES	dsPIC™ 30F
RAM SIZE	512 x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	12KB (4K x 24)
PERIPHERALS	Brown-out Detect/Reset, POR, PWM, WDT
PACKAGING	Tape & Reel (TR)
PACKAGE / CASE	44-TQFP
OTHER NAMES	DSPIC30F2023T-30I/PTTR
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 85°C (TA)
NUMBER OF I/O	35
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
MANUFACTURER STANDARD LEAD TIME	16 Weeks
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
EEPROM SIZE	-
DETAILED DESCRIPTION	dsPIC dsPIC™ 30F Microcontroller IC 16-Bit 30 MIPs 12KB (4K x 24) FLASH 44-TQFP (10x10)
DATA CONVERTERS	A/D 12x10b
CORE SIZE	16-Bit
CORE PROCESSOR	dsPIC
CONNECTIVITY	I²C, IrDA, LINbus, SPI, UART/USART
BASE PART NUMBER	DSPIC30F2023

Related Tags

Micrel / Microchip Technology DSPIC30F2023T-30I/PT	DSPIC30F2023T-30I/PT Distributor	DSPIC30F2023T-30I/PT Supplier
DSPIC30F2023T-30I/PT Price	DSPIC30F2023T-30I/PT Pictures	DSPIC30F2023T-30I/PT Image
DSPIC30F2023T-30I/PT PDF Datasheet	DSPIC30F2023T-30I/PT Download Datasheet	DSPIC30F2023T-30I/PT Datasheet
DSPIC30F2023T-30I/PT Stock	Buy DSPIC30F2023T-30I/PT	Buy Micrel / Microchip Technology DSPIC30F2023T-30I/PT
Micrel / Microchip Technology DSPIC30F2023T-30I/PT	Micrel / Microchip Technology Supplier	Micrel / Microchip Technology Distributor
Micrel / Microchip Technology DSPIC30F2023T-30I/PT	Microchip Technology DSPIC30F2023T-30I/PT	Roving Networks / Microchip Technology DSPIC30F2023T-30I/PT

Related Products

 DSPIC30F2023-20E/PT Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 12KB FLASH 44TQFP In stock: Out stock RFQ	 DSPIC30F3010-20E/ML Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 24KB FLASH 44QFN In stock: Out stock RFQ
 DSPIC30F3010-20I/SO Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 24KB FLASH 28SOIC In stock: 193 pcs RFQ	 DSPIC30F3010-20I/ML Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 24KB FLASH 44QFN In stock: Out stock RFQ
 DSPIC30F2023-30I/PT Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 12KB FLASH 44TQFP In stock: 118 pcs RFQ	 DSPIC30F3010-20E/SP Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 24KB FLASH 28SDIP In stock: Out stock RFQ
 DSPIC30F3010-20E/SO Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 24KB FLASH 28SOIC In stock: 185 pcs RFQ	 DSPIC30F3010-20I/SP Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 24KB FLASH 28SDIP In stock: 143 pcs RFQ
 DSPIC30F2023-30I/ML Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 12KB FLASH 44QFN In stock: 140 pcs RFQ	 DSPIC30F2023T-30I/ML Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 12KB FLASH 44QFN In stock: Out stock RFQ
 DSPIC30F2023-20E/ML Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 12KB FLASH 44QFN In stock: Out stock RFQ	 DSPIC30F2020T-30I/SO Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 12KB FLASH 28SOIC In stock: Out stock RFQ

