

MICROCHIP

Micrel / Microchip Technology

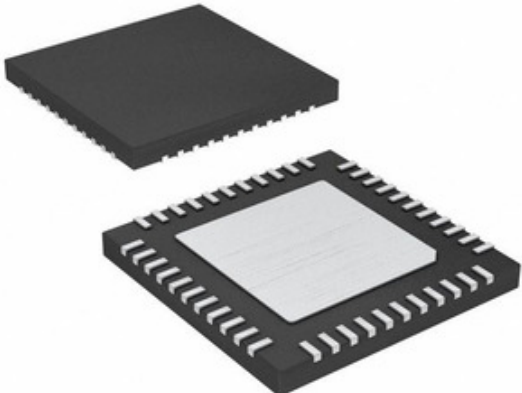


Image may be representation. See specifications for product details.

Part Number:	DSPIC30F2023T-30I/ML
Manufacturer/Brand:	Micrel / Microchip Technology
Product description	IC MCU 16BIT 12KB FLASH 44QFN 1.DSPIC30F2023T-30I/ML.pdf 2.DSPIC30F2023T-30I/ML.pdf 3.DSPIC30F2023T-30I/ML.pdf 4.DSPIC30F2023T-30I/ML.pdf 5.DSPIC30F2023T-30I/ML.pdf 6.DSPIC30F2023T-30I/ML.pdf
Datasheets:	
RoHs Status	 Lead free / RoHS Compliant
Stock Condition	19790 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS
REQUEST FOR QUOTATION	

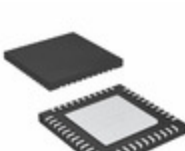
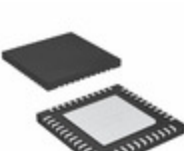
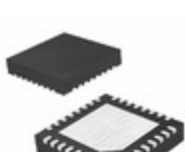
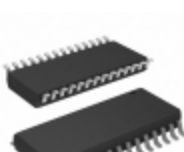
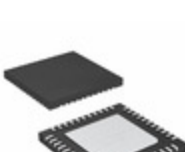
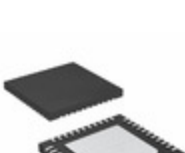
Specifications of DSPIC30F2023T-30I/ML

PART NUMBER	DSPIC30F2023T-30I/ML
MANUFACTURER	Micrel / Microchip Technology
DESCRIPTION	IC MCU 16BIT 12KB FLASH 44QFN
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	19790 pcs
DATA SHEET	1.DSPIC30F2023T-30I/ML.pdf 2.DSPIC30F2023T-30I/ML.pdf 3.DSPIC30F2023T-30I/ML.pdf 4.DSPIC30F2023T-30I/ML.pdf 5.DSPIC30F2023T-30I/ML.pdf 6.DSPIC30F2023T-30I/ML.pdf
VOLTAGE - SUPPLY (VCC/VDD)	3 V ~ 5.5 V
SUPPLIER DEVICE PACKAGE	44-QFN (8x8)
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-VQFN Exposed Pad
OTHER NAMES	DSPIC30F2023T-30I/MLTR
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 85°C (TA)
NUMBER OF I/O	35
MOISTURE SENSITIVITY LEVEL (MSL)	1 (Unlimited)
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-QFN (8x8)
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/ML	DSPIC30F2023T-30I/ML Distributor	DSPIC30F2023T-30I/ML Supplier
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Micrel / Microchip Technology DSPIC30F2023T-30I/ML	Micrel / Microchip Technology Supplier	Micrel / Microchip Technology Distributor
Micrel / Microchip Technology DSPIC30F2023T-30I/ML	Microchip Technology DSPIC30F2023T-30I/ML	Roving Networks / Microchip Technology DSPIC30F2023T-30I/ML

Related Products

 DSPIC30F2023T-30I/PT Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 12KB FLASH 44TQFP In stock: 22229 pcs RFQ	 DSPIC30F2020T-30I/SO Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 12KB FLASH 28SOIC In stock: 23051 pcs RFQ
 DSPIC30F2023-30I/PT Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 12KB FLASH 44TQFP In stock: 16931 pcs RFQ	 DSPIC30F3010-20E/SO Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 24KB FLASH 28SOIC In stock: 17436 pcs RFQ
 DSPIC30F3010-20I/ML Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 24KB FLASH 44QFN In stock: 25227 pcs RFQ	 DSPIC30F2023-20E/ML Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 12KB FLASH 44QFN In stock: 16829 pcs RFQ
 DSPIC30F2020T-30I/MM Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 12KB FLASH 28QFN In stock: 22273 pcs RFQ	 DSPIC30F3010-20I/SO Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 24KB FLASH 28SOIC In stock: 22748 pcs RFQ
 DSPIC30F2023-30I/ML Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 12KB FLASH 44QFN In stock: 13772 pcs RFQ	 DSPIC30F2023-20E/PT Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 12KB FLASH 44TQFP In stock: 17627 pcs RFQ
 DSPIC30F3010-20E/ML Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 24KB FLASH 44QFN In stock: 4176 pcs RFQ	 DSPIC30F3010-20E/SP Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 24KB FLASH 28SDIP In stock: 21959 pcs RFQ

