



Micrel / Microchip Technology



DSPIC30F6010T-30I/PF

Part Number:	DSPIC30F6010T-30I/PF
Manufacturer/Brand:	Micrel / Microchip Technology
Product description	IC MCU 16BIT 144KB FLASH 80TQFP
	1.DSPIC30F6010T-30I/PF.pdf
	2.DSPIC30F6010T-30I/PF.pdf
	3.DSPIC30F6010T-30I/PF.pdf
	4.DSPIC30F6010T-30I/PF.pdf
	5.DSPIC30F6010T-30I/PF.pdf
	6.DSPIC30F6010T-30I/PF.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 DSPIC30F6010T-30I/PF

PART NUMBER	DSPIC30F6010T-30I/PF
MANUFACTURER	Micrel / Microchip Technology
DESCRIPTION	IC MCU 16BIT 144KB FLASH 80TQFP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	1.DSPIC30F6010T-30I/PF.pdf 2.DSPIC30F6010T-30I/PF.pdf 3.DSPIC30F6010T-30I/PF.pdf 4.DSPIC30F6010T-30I/PF.pdf 5.DSPIC30F6010T-30I/PF.pdf 6.DSPIC30F6010T-30I/PF.pdf
VOLTAGE - SUPPLY (VCC/VDD)	2.5 V ~ 5.5 V
SUPPLIER DEVICE PACKAGE	80-TQFP (14x14)
SPEED	30 MIPs
SERIES	dsPIC™ 30F
RAM SIZE	8K x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	144KB (48K x 24)
PERIPHERALS	Brown-out Detect/Reset, LVD, Motor Control PWM, QEI, POR, PWM, WDT
PACKAGING	Tape & Reel (TR)
PACKAGE / CASE	80-TQFP
OTHER NAMES	DSPIC30F6010T30IP
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 85°C (TA)
NUMBER OF I/O	68
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
EEPROM SIZE	4K x 8
DETAILED DESCRIPTION	dsPIC dsPIC™ 30F Microcontroller IC 16-Bit 30 MIPs 144KB (48K x 24) FLASH 80-TQFP (14x14)
DATA CONVERTERS	A/D 16x10b
CORE SIZE	16-Bit
CORE PROCESSOR	dsPIC
CONNECTIVITY	CANbus, I²C, SPI, UART/USART
BASE PART NUMBER	DSPIC30F6010

Related Tags

Micrel / Microchip Technology DSPIC30F6010T-30I/PF	DSPIC30F6010T-30I/PF Distributor	DSPIC30F6010T-30I/PF Supplier
DSPIC30F6010T-30I/PF Price	DSPIC30F6010T-30I/PF Pictures	DSPIC30F6010T-30I/PF Image
DSPIC30F6010T-30I/PF PDF Datasheet	DSPIC30F6010T-30I/PF Download Datasheet	DSPIC30F6010T-30I/PF Datasheet
DSPIC30F6010T-30I/PF Stock	Buy DSPIC30F6010T-30I/PF	Buy Micrel / Microchip Technology DSPIC30F6010T-30I/PF
Micrel / Microchip Technology DSPIC30F6010T-30I/PF	Micrel / Microchip Technology Supplier	Micrel / Microchip Technology Distributor
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Related Products

 DSPIC30F6011A-20E/PF Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 132KB FLASH 64TQFP In stock: 80 pcs RFQ	 DSPIC30F6011-30I/PF Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 132KB FLASH 64TQFP In stock: 22 pcs RFQ
 DSPIC30F6010T-20I/PF Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 144KB FLASH 80TQFP In stock: Out stock RFQ	 DSPIC30F6010AT-20E/PT Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 144KB FLASH 80TQFP In stock: Out stock RFQ
 DSPIC30F6011A-20E/PT Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 132KB FLASH 64TQFP In stock: Out stock RFQ	 DSPIC30F6011-20I/PF Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 132KB FLASH 64TQFP In stock: Out stock RFQ
 DSPIC30F6011A-20I/PT Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 132KB FLASH 64TQFP In stock: Out stock RFQ	 DSPIC30F6010T-20E/PF Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 144KB FLASH 80TQFP In stock: Out stock RFQ
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