



Micrel / Microchip Technology



Image may be representation. See specifications for product details.

DSPIC30F6010T-20E/PF

Part Number:	DSPIC30F6010T-20E/PF
Manufacturer/Brand:	Micrel / Microchip Technology
Product description	IC MCU 16BIT 144KB FLASH 80TQFP  1.DSPIC30F6010T-20E/PF.pdf  2.DSPIC30F6010T-20E/PF.pdf  3.DSPIC30F6010T-20E/PF.pdf  4.DSPIC30F6010T-20E/PF.pdf  5.DSPIC30F6010T-20E/PF.pdf  6.DSPIC30F6010T-20E/PF.pdf
Datasheets:	 Lead free / RoHS Compliant
RoHs Status	5157 pcs stock
Stock Condition	Hong Kong
Ship From	DHL/Fedex/TNT/UPS/EMS
Shipment Way	

REQUEST FOR QUOTATION

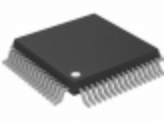
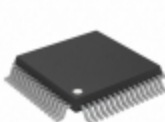
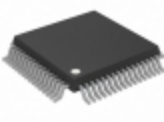
Specifications of DSPIC30F6010T-20E/PF

PART NUMBER	DSPIC30F6010T-20E/PF
MANUFACTURER	Micrel / Microchip Technology
DESCRIPTION	IC MCU 16BIT 144KB FLASH 80TQFP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	5157 pcs
DATA SHEET	 1.DSPIC30F6010T-20E/PF.pdf  2.DSPIC30F6010T-20E/PF.pdf  3.DSPIC30F6010T-20E/PF.pdf  4.DSPIC30F6010T-20E/PF.pdf  5.DSPIC30F6010T-20E/PF.pdf  6.DSPIC30F6010T-20E/PF.pdf
VOLTAGE - SUPPLY (VCC/VDD)	2.5 V ~ 5.5 V
SUPPLIER DEVICE PACKAGE	80-TQFP (14x14)
SPEED	20 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	DSPIC30F6010T20EP
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 125°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 20 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-20E/PF	DSPIC30F6010T-20E/PF Distributor	DSPIC30F6010T-20E/PF Supplier
DSPIC30F6010T-20E/PF Price	DSPIC30F6010T-20E/PF Pictures	DSPIC30F6010T-20E/PF Image
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Related Products

 DSPIC30F6010T-20I/PF Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 144KB FLASH 80TQFP In stock: 4099 pcs RFQ	 DSPIC30F6010AT-20I/PT Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 144KB FLASH 80TQFP In stock: 3172 pcs RFQ
 DSPIC30F6010A-30I/PF Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 144KB FLASH 80TQFP In stock: 7915 pcs RFQ	 DSPIC30F6011A-20E/PF Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 132KB FLASH 64TQFP In stock: 8188 pcs RFQ
 DSPIC30F6010AT-20E/PT Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 144KB FLASH 80TQFP In stock: 5966 pcs RFQ	 DSPIC30F6010AT-30I/PT Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 144KB FLASH 80TQFP In stock: 9481 pcs RFQ
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 DSPIC30F6010AT-30I/PF Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 144KB FLASH 80TQFP In stock: 2856 pcs RFQ	 DSPIC30F6011-30I/PF Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 132KB FLASH 64TQFP In stock: 6099 pcs RFQ

