

MICROCHIP

Micrel / Microchip Technology



Image may be representation. See specifications for product details.

DSPIC30F6010AT-30I/PT

Part Number:	DSPIC30F6010AT-30I/PT
Manufacturer/Brand:	Micrel / Microchip Technology
Product description	IC MCU 16BIT 144KB FLASH 80TQFP  1.DSPIC30F6010AT-30I/PT.pdf  2.DSPIC30F6010AT-30I/PT.pdf  3.DSPIC30F6010AT-30I/PT.pdf  4.DSPIC30F6010AT-30I/PT.pdf  5.DSPIC30F6010AT-30I/PT.pdf  6.DSPIC30F6010AT-30I/PT.pdf  7.DSPIC30F6010AT-30I/PT.pdf
Datasheets:	
RoHs Status	 Lead free / RoHS Compliant
Stock Condition	9481 pcs stock
Ship From	Hong Kong
REQUEST FOR QUOTATION HL/Fedex/TNT/UPS/EMS	

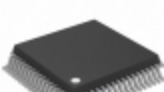
Specifications of DSPIC30F6010AT-30I/PT

PART NUMBER	DSPIC30F6010AT-30I/PT
MANUFACTURER	Micrel / Microchip Technology
DESCRIPTION	IC MCU 16BIT 144KB FLASH 80TQFP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	9481 pcs
DATA SHEET	 1.DSPIC30F6010AT-30I/PT.pdf  2.DSPIC30F6010AT-30I/PT.pdf  3.DSPIC30F6010AT-30I/PT.pdf  4.DSPIC30F6010AT-30I/PT.pdf  5.DSPIC30F6010AT-30I/PT.pdf  6.DSPIC30F6010AT-30I/PT.pdf  7.DSPIC30F6010AT-30I/PT.pdf
VOLTAGE - SUPPLY (VCC/VDD)	2.5 V ~ 5.5 V
SUPPLIER DEVICE PACKAGE	80-TQFP (12x12)
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
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 85°C (TA)
NUMBER OF I/O	68
MOISTURE SENSITIVITY LEVEL (MSL)	4 (72 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 (12x12)
DATA CONVERTERS	A/D 16x10b
CORE SIZE	16-Bit
CORE PROCESSOR	dsPIC
CONNECTIVITY	CANbus, I²C, SPI, UART/USART
BASE PART NUMBER	DSPIC30F6010A

Related Tags

Micrel / Microchip Technology DSPIC30F6010AT-30I/PT	DSPIC30F6010AT-30I/PT Distributor	DSPIC30F6010AT-30I/PT Supplier
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MICROCHIP DSPIC30F6010AT-20E/PT Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 144KB FLASH 80TQFP In stock: 5966 pcs RFQ	MICROCHIP DSPIC30F6010AT-20I/PT Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 144KB FLASH 80TQFP In stock: 3172 pcs RFQ
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MICROCHIP DSPIC30F6010AT-30I/PF Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 144KB FLASH 80TQFP In stock: 2856 pcs RFQ	 DSPIC30F6011-20E/PF Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 132KB FLASH 64TQFP In stock: 5184 pcs RFQ

