

DSPIC30F6010AT-30I/PT

	 Part Number: DSPIC30F6010AT-30I/PT Manufacturer: Micrel / Microchip Technology Description: IC MCU 16BIT 144KB FLASH 80TQFP Data sheet:  DSPIC30F Programmer Reference Errata Sheet  16-bit Embedded Control Solutions  dsPIC30F6010A,6015 Errata & Data Sheet Clarificati  dsPIC30F6010 Errata & Data Sheet Clarification  dsPIC30F Section 35. Serial Peripheral Interface(S  DSPIC30F Flash Programming Specification  dsPIC30F6010A/6015 Data Sheet	RoHs Status: Lead free / RoHS Compliant Ship From: Hong Kong Shipment Way: DHL/Fedex/TNT/UPS/EMS
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PRODUCT PARAMETER			
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	12247 pcs	Data sheet	DSPIC30F Programmer Reference Errata Sheet 16-bit Embedded Control Solutions dsPIC30F6010A,6015 Errata & Data Sheet dsPIC30F6010 Errata & Data Sheet Clarification dsPIC30F Section 35. Serial Peripheral dsPIC30F Flash Programming Specification dsPIC30F6010A/6015 Data Sheet
Category	Integrated Circuits (ICs)	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)	Manufacturer Standard Lead Time	9 Weeks
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, I ² C, SPI, UART/USART	Base Part Number	DSPIC30F6010A
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