

MICROCHIP

Micrel / Microchip Technology

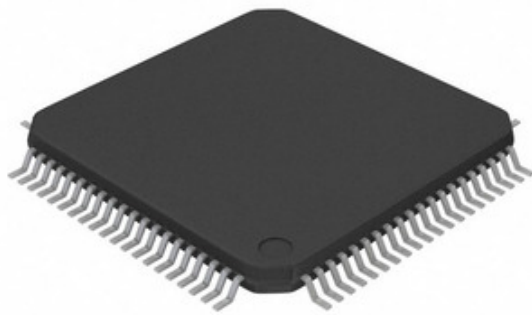


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DSPIC30F6010AT-30I/PT

Part Number: DSPIC30F6010AT-30I/PT

Manufacturer/Brand: Micrel / Microchip Technology

Product description: IC MCU 16BIT 144KB FLASH 80TQFP

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REQUEST FOR QUOTATION

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
DATA SHEET	PDF 1.DSPIC30F6010AT-30I/PT.pdf PDF 2.DSPIC30F6010AT-30I/PT.pdf PDF 3.DSPIC30F6010AT-30I/PT.pdf PDF 4.DSPIC30F6010AT-30I/PT.pdf PDF 5.DSPIC30F6010AT-30I/PT.pdf PDF 6.DSPIC30F6010AT-30I/PT.pdf 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)
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, 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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