

MICROCHIP

Micrel / Microchip Technology



DSPIC30F5016T-30I/PT

Part Number:	DSPIC30F5016T-30I/PT
Manufacturer/Brand:	Micrel / Microchip Technology
Product description	IC MCU 16BIT 66KB FLASH 80TQFP
	 1.DSPIC30F5016T-30I/PT.pdf
	 2.DSPIC30F5016T-30I/PT.pdf
	 3.DSPIC30F5016T-30I/PT.pdf
	 4.DSPIC30F5016T-30I/PT.pdf
	 5.DSPIC30F5016T-30I/PT.pdf
	 6.DSPIC30F5016T-30I/PT.pdf
	 7.DSPIC30F5016T-30I/PT.pdf
Datasheets:	
RoHs Status	 Lead free / RoHS Compliant
Stock Condition	15534 pcs stock
Ship From	Hong Kong
	HL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

Image may be representation. See specifications for product details.

Specifications of DSPIC30F5016T-30I/PT

PART NUMBER	DSPIC30F5016T-30I/PT
MANUFACTURER	Micrel / Microchip Technology
DESCRIPTION	IC MCU 16BIT 66KB FLASH 80TQFP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	15534 pcs
DATA SHEET	 1.DSPIC30F5016T-30I/PT.pdf  2.DSPIC30F5016T-30I/PT.pdf  3.DSPIC30F5016T-30I/PT.pdf  4.DSPIC30F5016T-30I/PT.pdf  5.DSPIC30F5016T-30I/PT.pdf  6.DSPIC30F5016T-30I/PT.pdf  7.DSPIC30F5016T-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	2K x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	66KB (22K x 24)
PERIPHERALS	Brown-out Detect/Reset, 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	1K x 8
DETAILED DESCRIPTION	dsPIC dsPIC™ 30F Microcontroller IC 16-Bit 30 MIPS 66KB (22K 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	DSPIC30F5016

Related Tags

Micrel / Microchip Technology DSPIC30F5016T-30I/PT	DSPIC30F5016T-30I/PT Distributor	DSPIC30F5016T-30I/PT Supplier
DSPIC30F5016T-30I/PT Price	DSPIC30F5016T-30I/PT Pictures	DSPIC30F5016T-30I/PT Image
DSPIC30F5016T-30I/PT PDF Datasheet	DSPIC30F5016T-30I/PT Download Datasheet	DSPIC30F5016T-30I/PT Datasheet
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Related Products

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 MICROCHIP DSPIC30F6010A-20E/PT Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 144KB FLASH 80TQFP In stock: 9053 pcs RFQ	 MICROCHIP DSPIC30F5015T-30I/PT Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 66KB FLASH 64TQFP In stock: 18076 pcs RFQ
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