

MICROCHIP

Micrel / Microchip Technology



Image may be representation. See specifications for product details.

DSPIC30F6015T-20I/PT

Part Number:	DSPIC30F6015T-20I/PT
Manufacturer/Brand:	Micrel / Microchip Technology
Product description	IC MCU 16BIT 144KB FLASH 64TQFP  1.DSPIC30F6015T-20I/PT.pdf  2.DSPIC30F6015T-20I/PT.pdf  3.DSPIC30F6015T-20I/PT.pdf  4.DSPIC30F6015T-20I/PT.pdf  5.DSPIC30F6015T-20I/PT.pdf
Datasheets:	
RoHs Status	 Lead free / RoHS Compliant
Stock Condition	4404 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

Specifications of DSPIC30F6015T-20I/PT

PART NUMBER	DSPIC30F6015T-20I/PT
MANUFACTURER	Micrel / Microchip Technology
DESCRIPTION	IC MCU 16BIT 144KB FLASH 64TQFP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	4404 pcs
DATA SHEET	 1.DSPIC30F6015T-20I/PT.pdf  2.DSPIC30F6015T-20I/PT.pdf  3.DSPIC30F6015T-20I/PT.pdf  4.DSPIC30F6015T-20I/PT.pdf  5.DSPIC30F6015T-20I/PT.pdf
VOLTAGE - SUPPLY (VCC/VDD)	2.5 V ~ 5.5 V
SUPPLIER DEVICE PACKAGE	64-TQFP (10x10)
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	64-TQFP
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 85°C (TA)
NUMBER OF I/O	52
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 20 MIPS 144KB (48K x 24) FLASH 64-TQFP (10x10)
DATA CONVERTERS	A/D 16x10b
CORE SIZE	16-Bit
CORE PROCESSOR	dsPIC
CONNECTIVITY	CANbus, I²C, SPI, UART/USART
BASE PART NUMBER	DSPIC30F6015

Related Tags

Micrel / Microchip Technology DSPIC30F6015T-20I/PT	DSPIC30F6015T-20I/PT Distributor	DSPIC30F6015T-20I/PT Supplier
DSPIC30F6015T-20I/PT Price	DSPIC30F6015T-20I/PT Pictures	DSPIC30F6015T-20I/PT Image
DSPIC30F6015T-20I/PT PDF Datasheet	DSPIC30F6015T-20I/PT Download Datasheet	DSPIC30F6015T-20I/PT Datasheet
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Micrel / Microchip Technology DSPIC30F6015T-20I/PT	Micrel / Microchip Technology Supplier	Micrel / Microchip Technology Distributor
Micrel / Microchip Technology DSPIC30F6015T-20I/PT	Microchip Technology DSPIC30F6015T-20I/PT	Roving Networks / Microchip Technology DSPIC30F6015T-20I/PT

Related Products

 DSPIC33CH128MP202-E/SS Manufacturers: Micrel / Microchip Technology Description: 16 BIT DSC, DUAL CORE, 128K FLAS In stock: 21400 pcs RFQ	 DSPIC30F6014T-30I/PF Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 144KB FLASH 80TQFP In stock: 7020 pcs RFQ
 DSPIC33CH128MP202-I/2N Manufacturers: Micrel / Microchip Technology Description: 16 BIT DSC, DUAL CORE, 128K FLAS In stock: 21070 pcs RFQ	 DSPIC30F6015-20I/PT Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 144KB FLASH 64TQFP In stock: 4381 pcs RFQ
 DSPIC30F6015-20E/PT Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 144KB FLASH 64TQFP In stock: 7434 pcs RFQ	 DSPIC33CH128MP202-I/SS Manufacturers: Micrel / Microchip Technology Description: 16 BIT DSC, DUAL CORE, 128K FLAS In stock: 22281 pcs RFQ
 DSPIC33CH128MP202-E/2N Manufacturers: Micrel / Microchip Technology Description: 16 BIT DSC, DUAL CORE, 128K FLAS In stock: 19042 pcs RFQ	 DSPIC33CH128MP202T-I/2N Manufacturers: Micrel / Microchip Technology Description: 16 BIT DSC, DUAL CORE, 128K FLAS In stock: 27504 pcs RFQ
 DSPIC30F6015T-30I/PT Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 144KB FLASH 64TQFP In stock: 5892 pcs RFQ	 DSPIC30F6015T-20E/PT Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 144KB FLASH 64TQFP In stock: 4692 pcs RFQ
 DSPIC30F6015-30I/PT Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 144KB FLASH 64TQFP In stock: 9416 pcs RFQ	 DSPIC30F6014T-20I/PF Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 144KB FLASH 80TQFP In stock: 5106 pcs RFQ