

MICROCHIP

Micrel / Microchip Technology



Image may be representation. See specifications for product details.

DSPIC30F6010A-20I/PT

Part Number: DSPIC30F6010A-20I/PT

Manufacturer/Brand: Micrel / Microchip Technology

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

PDF

1.DSPIC30F6010A-20I/PT.pdf

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Datasheets:

RoHs Status:  Contains lead / RoHS non-compliant

Stock Condition: 7078 pcs stock

Ship From: Hong Kong

REQUEST FOR QUOTATION

/Fedex/TNT/UPS/EMS

Specifications of DSPIC30F6010A-20I/PT

PART NUMBER	DSPIC30F6010A-20I/PT
MANUFACTURER	Micrel / Microchip Technology
DESCRIPTION	IC MCU 16BIT 144KB FLASH 80TQFP
LEAD FREE STATUS / ROHS STATUS	Contains lead / RoHS non-compliant
QUANTITY AVAILABLE	7078 pcs
DATA SHEET	PDF 1.DSPIC30F6010A-20I/PT.pdf PDF 2.DSPIC30F6010A-20I/PT.pdf PDF 3.DSPIC30F6010A-20I/PT.pdf PDF 4.DSPIC30F6010A-20I/PT.pdf PDF 5.DSPIC30F6010A-20I/PT.pdf PDF 6.DSPIC30F6010A-20I/PT.pdf PDF 7.DSPIC30F6010A-20I/PT.pdf
VOLTAGE - SUPPLY (VCC/VDD)	2.5 V ~ 5.5 V
SUPPLIER DEVICE PACKAGE	80-TQFP (12x12)
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	Tray
PACKAGE / CASE	80-TQFP
OTHER NAMES	DSPIC30F6010A20IP
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 85°C (TA)
NUMBER OF I/O	68
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
LEAD FREE STATUS / ROHS STATUS	Contains lead / RoHS non-compliant
EEPROM SIZE	4K x 8
DETAILED DESCRIPTION	dsPIC dsPIC™ 30F Microcontroller IC 16-Bit 20 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 DSPIC30F6010A-20I/PT	DSPIC30F6010A-20I/PT Distributor	DSPIC30F6010A-20I/PT Supplier
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Related Products

MICROCHIP DSPIC30F6010-20I/PF Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 144KB FLASH 80TQFP In stock: 5628 pcs RFQ	MICROCHIP DSPIC30F6010AT-30I/PF Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 144KB FLASH 80TQFP In stock: 2856 pcs RFQ
MICROCHIP DSPIC30F6010A-20E/PT Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 144KB FLASH 80TQFP In stock: 9053 pcs RFQ	MICROCHIP DSPIC30F6010A-20E/PF Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 144KB FLASH 80TQFP In stock: 6486 pcs RFQ
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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 DSPIC30F6010A-30I/PT Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 144KB FLASH 80TQFP In stock: 8120 pcs RFQ

