



Micrel / Microchip Technology



Image may be representation. See specifications for product details.

DSPIC30F6010-20E/PF

Part Number: DSPIC30F6010-20E/PF

Manufacturer/Brand: Micrel / Microchip Technology

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

1.DSPIC30F6010-20E/PF.pdf

2.DSPIC30F6010-20E/PF.pdf

3.DSPIC30F6010-20E/PF.pdf

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Lead free / RoHS Compliant

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REQUEST FOR QUOTATION

Specifications of DSPIC30F6010-20E/PF

PART NUMBER	DSPIC30F6010-20E/PF
MANUFACTURER	Micrel / Microchip Technology
DESCRIPTION	IC MCU 16BIT 144KB FLASH 80TQFP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	1.DSPIC30F6010-20E/PF.pdf 2.DSPIC30F6010-20E/PF.pdf 3.DSPIC30F6010-20E/PF.pdf 4.DSPIC30F6010-20E/PF.pdf 5.DSPIC30F6010-20E/PF.pdf 6.DSPIC30F6010-20E/PF.pdf
VOLTAGE - SUPPLY (VCC/VDD)	2.5 V ~ 5.5 V
SUPPLIER DEVICE PACKAGE	80-TQFP (14x14)
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	DSPIC30F601020EPF
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 125°C (TA)
NUMBER OF I/O	68
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 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 80-TQFP (14x14)
DATA CONVERTERS	A/D 16x10b
CORE SIZE	16-Bit
CORE PROCESSOR	dsPIC
CONNECTIVITY	CANbus, I²C, SPI, UART/USART
BASE PART NUMBER	DSPIC30F6010

Related Tags

Micrel / Microchip Technology DSPIC30F6010-20E/PF	DSPIC30F6010-20E/PF Distributor	DSPIC30F6010-20E/PF Supplier
DSPIC30F6010-20E/PF Price	DSPIC30F6010-20E/PF Pictures	DSPIC30F6010-20E/PF Image
DSPIC30F6010-20E/PF PDF Datasheet	DSPIC30F6010-20E/PF Download Datasheet	DSPIC30F6010-20E/PF Datasheet
DSPIC30F6010-20E/PF Stock	Buy DSPIC30F6010-20E/PF	Buy Micrel / Microchip Technology DSPIC30F6010-20E/PF
Micrel / Microchip Technology DSPIC30F6010-20E/PF	Micrel / Microchip Technology Supplier	Micrel / Microchip Technology Distributor
Micrel / Microchip Technology DSPIC30F6010-20E/PF	Microchip Technology DSPIC30F6010-20E/PF	Roving Networks / Microchip Technology DSPIC30F6010-20E/PF

Related Products

 DSPIC30F6010A-30I/PF Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 144KB FLASH 80TQFP In stock: 647 pcs RFQ	 DSPIC30F6010A-20E/PT Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 144KB FLASH 80TQFP In stock: 168 pcs RFQ
 DSPIC30F5016T-20I/PT Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 66KB FLASH 80TQFP In stock: Out stock RFQ	 DSPIC30F5016T-20E/PT Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 66KB FLASH 80TQFP In stock: Out stock RFQ
 DSPIC30F6010-30I/PF Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 144KB FLASH 80TQFP In stock: 90 pcs RFQ	 DSPIC30F6010A-20E/PF Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 144KB FLASH 80TQFP In stock: 82 pcs RFQ
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