



Micrel / Microchip Technology



Image may be representation. See specifications for product details.

DSPIC30F3012-20E/P

Part Number:	DSPIC30F3012-20E/P
Manufacturer/Brand:	Micrel / Microchip Technology
Product description	IC MCU 16BIT 24KB FLASH 18DIP
	PDF 1.DSPIC30F3012-20E/P.pdf
	PDF 2.DSPIC30F3012-20E/P.pdf
	PDF 3.DSPIC30F3012-20E/P.pdf
	PDF 4.DSPIC30F3012-20E/P.pdf
	PDF 5.DSPIC30F3012-20E/P.pdf
Datasheets:	
RoHs Status	 Lead free / RoHS Compliant
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

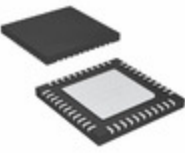
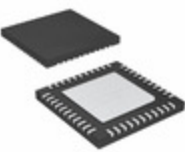
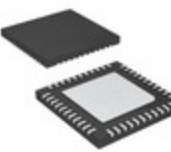
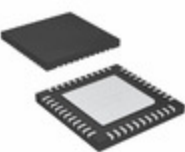
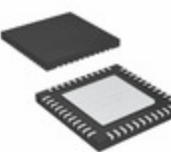
Specifications of DSPIC30F3012-20E/P

PART NUMBER	DSPIC30F3012-20E/P
MANUFACTURER	Micrel / Microchip Technology
DESCRIPTION	IC MCU 16BIT 24KB FLASH 18DIP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	PDF 1.DSPIC30F3012-20E/P.pdf
	PDF 2.DSPIC30F3012-20E/P.pdf
	PDF 3.DSPIC30F3012-20E/P.pdf
	PDF 4.DSPIC30F3012-20E/P.pdf
	PDF 5.DSPIC30F3012-20E/P.pdf
VOLTAGE - SUPPLY (VCC/VDD)	2.5 V ~ 5.5 V
SUPPLIER DEVICE PACKAGE	18-PDIP
SPEED	20 MIPS
SERIES	dsPIC™ 30F
RAM SIZE	2K x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	24KB (8K x 24)
PERIPHERALS	Brown-out Detect/Reset, POR, PWM, WDT
PACKAGING	Tube
PACKAGE / CASE	18-DIP (0.300", 7.62mm)
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 125°C (TA)
NUMBER OF I/O	12
MOISTURE SENSITIVITY LEVEL (MSL)	1 (Unlimited)
MANUFACTURER STANDARD LEAD TIME	5 Weeks
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
EEPROM SIZE	1K x 8
DETAILED DESCRIPTION	dsPIC dsPIC™ 30F Microcontroller IC 16-Bit 20 MIPS 24KB (8K x 24) FLASH 18-PDIP
DATA CONVERTERS	A/D 8x12b
CORE SIZE	16-Bit
CORE PROCESSOR	dsPIC
CONNECTIVITY	I²C, SPI, UART/USART
BASE PART NUMBER	DSPIC30F3012

Related Tags

Micrel / Microchip Technology DSPIC30F3012-20E/P	DSPIC30F3012-20E/P Distributor	DSPIC30F3012-20E/P Supplier
DSPIC30F3012-20E/P Price	DSPIC30F3012-20E/P Pictures	DSPIC30F3012-20E/P Image
DSPIC30F3012-20E/P PDF Datasheet	DSPIC30F3012-20E/P Download Datasheet	DSPIC30F3012-20E/P Datasheet
DSPIC30F3012-20E/P Stock	Buy DSPIC30F3012-20E/P	Buy Micrel / Microchip Technology DSPIC30F3012-20E/P
Micrel / Microchip Technology DSPIC30F3012-20E/P	Micrel / Microchip Technology Supplier	Micrel / Microchip Technology Distributor
Micrel / Microchip Technology DSPIC30F3012-20E/P	Microchip Technology DSPIC30F3012-20E/P	Roving Networks / Microchip Technology DSPIC30F3012-20E/P

Related Products

 DSPIC30F3012-20I/SO Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 24KB FLASH 18SOIC In stock: 243 pcs RFQ	 DSPIC30F3011T-20E/PT Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 24KB FLASH 44TQFP In stock: Out stock RFQ
 DSPIC30F3011T-20I/ML Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 24KB FLASH 44QFN In stock: Out stock RFQ	 DSPIC30F3011T-30I/PT Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 24KB FLASH 44TQFP In stock: Out stock RFQ
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 DSPIC30F3012-30I/P Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 24KB FLASH 18DIP In stock: 216 pcs RFQ	 DSPIC30F3012-20I/P Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 24KB FLASH 18DIP In stock: Out stock RFQ
 DSPIC30F3011T-20I/PT Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 24KB FLASH 44TQFP In stock: Out stock RFQ	 DSPIC30F3012-20E/SO Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 24KB FLASH 18SOIC In stock: 210 pcs RFQ