

MICROCHIP

Micrel / Microchip Technology



Image may be representation. See specifications for product details.

DSPIC30F6012A-30I/PF

Part Number:	DSPIC30F6012A-30I/PF
Manufacturer/Brand:	Micrel / Microchip Technology
Product description	IC MCU 16BIT 144KB FLASH 64TQFP
	 1.DSPIC30F6012A-30I/PF.pdf
	 2.DSPIC30F6012A-30I/PF.pdf
	 3.DSPIC30F6012A-30I/PF.pdf
	 4.DSPIC30F6012A-30I/PF.pdf
Datasheets:	
RoHs Status	 Lead free / RoHS Compliant
Stock Condition	8870 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

Specifications of DSPIC30F6012A-30I/PF

PART NUMBER	DSPIC30F6012A-30I/PF
MANUFACTURER	Micrel / Microchip Technology
DESCRIPTION	IC MCU 16BIT 144KB FLASH 64TQFP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	8870 pcs
DATA SHEET	 1.DSPIC30F6012A-30I/PF.pdf  2.DSPIC30F6012A-30I/PF.pdf  3.DSPIC30F6012A-30I/PF.pdf  4.DSPIC30F6012A-30I/PF.pdf
VOLTAGE - SUPPLY (VCC/VDD)	2.5 V ~ 5.5 V
SUPPLIER DEVICE PACKAGE	64-TQFP (14x14)
SPEED	30 MIPS
SERIES	dsPIC™ 30F
RAM SIZE	8K x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	144KB (48K x 24)
PERIPHERALS	AC'97, Brown-out Detect/Reset, I²S, LVD, POR, PWM, WDT
PACKAGING	Tray
PACKAGE / CASE	64-TQFP
OTHER NAMES	DSPIC30F6012A30IPF
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 85°C (TA)
NUMBER OF I/O	52
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 30 MIPS 144KB (48K x 24) FLASH 64-TQFP (14x14)
DATA CONVERTERS	A/D 16x12b
CORE SIZE	16-Bit
CORE PROCESSOR	dsPIC
CONNECTIVITY	CANbus, I²C, SPI, UART/USART
BASE PART NUMBER	DSPIC30F6012A

Related Tags

Micrel / Microchip Technology DSPIC30F6012A-30I/PF	DSPIC30F6012A-30I/PF Distributor	DSPIC30F6012A-30I/PF Supplier
DSPIC30F6012A-30I/PF Price	DSPIC30F6012A-30I/PF Pictures	DSPIC30F6012A-30I/PF Image
DSPIC30F6012A-30I/PF PDF Datasheet	DSPIC30F6012A-30I/PF Download Datasheet	DSPIC30F6012A-30I/PF Datasheet
DSPIC30F6012A-30I/PF Stock	Buy DSPIC30F6012A-30I/PF	Buy Micrel / Microchip Technology DSPIC30F6012A-30I/PF
Micrel / Microchip Technology DSPIC30F6012A-30I/PF	Micrel / Microchip Technology Supplier	Micrel / Microchip Technology Distributor
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Related Products

 DSPIC30F6012AT-30I/PF Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 144KB FLASH 64TQFP In stock: 5969 pcs RFQ	 DSPIC30F6012AT-30I/PT Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 144KB FLASH 64TQFP In stock: 12011 pcs RFQ
 DSPIC30F6012AT-20E/PF Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 144KB FLASH 64TQFP In stock: 5475 pcs RFQ	 DSPIC30F6012AT-20I/PT Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 144KB FLASH 64TQFP In stock: 6348 pcs RFQ
 DSPIC30F6012A-20E/PF Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 144KB FLASH 64TQFP In stock: 7145 pcs RFQ	 DSPIC30F6012-20I/PF Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 144KB FLASH 64TQFP In stock: 6821 pcs RFQ
 DSPIC30F6012-30I/PF Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 144KB FLASH 64TQFP In stock: 6231 pcs RFQ	 DSPIC30F6012A-20E/PT Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 144KB FLASH 64TQFP In stock: 9645 pcs RFQ
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 DSPIC30F6012A-30I/PT Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 144KB FLASH 64TQFP In stock: 10696 pcs RFQ	 DSPIC30F6012-20E/PF Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 144KB FLASH 64TQFP In stock: 6841 pcs RFQ