



Micrel / Microchip Technology

DSPIC30F6012A-30I/PF

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

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Image may be representation. See specifications for product details.

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
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)
MANUFACTURER STANDARD LEAD TIME	10 Weeks
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
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<p>DSPIC30F6012-30I/PF Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 144KB FLASH 64TQFP In stock: 24 pcs RFQ</p>	<p>DSPIC30F6012A-20E/PT Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 144KB FLASH 64TQFP In stock: Out stock RFQ</p>
<p>DSPIC30F6012-20I/PF Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 144KB FLASH 64TQFP In stock: Out stock RFQ</p>	<p>DSPIC30F6012A-30I/PT Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 144KB FLASH 64TQFP In stock: Out stock RFQ</p>
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