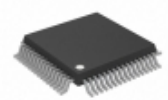




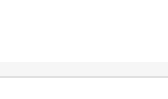
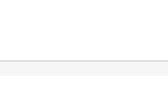
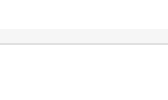
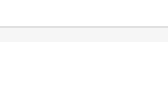













## DSPIC30F6012T-20I/PF

	
<p>Images are for reference only. See Product Specifications for product details. Buy DSPIC30F6012T-20I/PF with confidence from Component-World.HK, 1 Year Warranty</p>	<p><b>Part Number:</b> <a href="#">DSPIC30F6012T-20I/PF</a></p> <p><b>Manufacturer:</b> <a href="#">Micrel / Microchip Technology</a></p> <p><b>Description:</b> IC MCU 16BIT 144KB FLASH 64TQFP</p> <p><b>Data sheet:</b>  <a href="#">dsPIC30F6011, 12, 13, 14</a></p> <p><b>RoHS Status:</b> Lead free / RoHS Compliant</p> <p><b>Ship From:</b> Hong Kong</p> <p><b>Shipment Way:</b> DHL/Fedex/TNT/UPS/EMS</p>
	<a href="#" style="background-color: #0070C0; color: white; padding: 5px 10px; border-radius: 3px;">Request For Quotation</a>

PRODUCT PARAMETER	
<b>Part Number</b>	DSPIC30F6012T-20I/PF
<b>Description</b>	IC MCU 16BIT 144KB FLASH 64TQFP
<b>Quantity Available</b>	5203 pcs
<b>Category</b>	<a href="#">Integrated Circuits (ICs)</a>
<b>Supplier Device Package</b>	64-TQFP (14x14)
<b>Series</b>	dsPIC™ 30F
<b>Program Memory Type</b>	FLASH
<b>Peripherals</b>	AC'97, Brown-out Detect/Reset, I <sup>2</sup> S, LVD, POR, PWM, WDT
<b>Package / Case</b>	64-TQFP
<b>Oscillator Type</b>	Internal
<b>Number of I/O</b>	52
<b>Lead Free Status / RoHS Status</b>	Lead free / RoHS Compliant
<b>Detailed Description</b>	dsPIC dsPIC™ 30F Microcontroller IC 16-Bit 20 MIPS 144KB (48K x 24) FLASH 64-TQFP (14x14)
<b>Core Size</b>	16-Bit
<b>Connectivity</b>	CANbus, I <sup>2</sup> C, SPI, UART/USART
<b>Manufacturer</b>	<a href="#">Micrel / Microchip Technology</a>
<b>Lead Free Status / RoHS Status</b>	Lead free / RoHS Compliant
<b>Data sheet</b>	<a href="#">dsPIC30F6011, 12, 13, 14</a>
<b>Voltage - Supply (Vcc/Vdd)</b>	2.5 V ~ 5.5 V
<b>Speed</b>	20 MIPS
<b>RAM Size</b>	8K x 8
<b>Program Memory Size</b>	144KB (48K x 24)
<b>Packaging</b>	Tape & Reel (TR)
<b>Other Names</b>	DSPIC30F6012T20IP
<b>Operating Temperature</b>	-40°C ~ 85°C (TA)
<b>Moisture Sensitivity Level (MSL)</b>	3 (168 Hours)
<b>EEPROM Size</b>	4K x 8
<b>Data Converters</b>	A/D 16x12b
<b>Core Processor</b>	dsPIC
<b>Base Part Number</b>	DSPIC30F6012

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	<p>Part#: <a href="#">DSPIC30F6012A-30I/PF</a></p> <p>Description: IC MCU 16BIT 144KB FLASH 64TQFP</p> <p>Manufacturers: <a href="#">Micrel / Microchip Technology</a></p> <p style="text-align: right;"><a href="#">RFQ</a></p>
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	<p>Part#: <a href="#">DSPIC30F6013-20I/PF</a></p> <p>Description: IC MCU 16BIT 132KB FLASH 80TQFP</p> <p>Manufacturers: <a href="#">Micrel / Microchip Technology</a></p> <p style="text-align: right;"><a href="#">RFQ</a></p>
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