










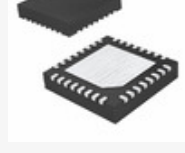

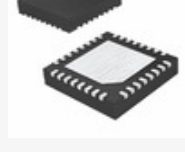

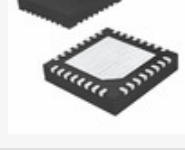

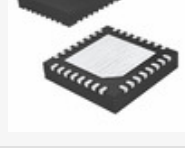
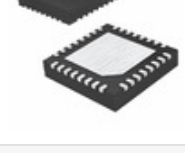
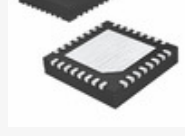


## DSPIC30F2010-20E/SP

	
<p>Images are for reference only. See Product Specifications for product details. <b>Buy DSPIC30F2010-20E/SP with confidence from Component-World.HK, 1 Year Warranty</b></p>	<p><b>Part Number:</b> <a href="#">DSPIC30F2010-20E/SP</a></p> <p><b>Manufacturer:</b> <a href="#">Micrel / Microchip Technology</a></p> <p><b>Description:</b> IC MCU 16BIT 12KB FLASH 28SDIP</p> <p><b>Data sheet:</b></p> <ul style="list-style-type: none"> <li> <a href="#">dsPIC30F2010 Datasheet</a></li> <li> <a href="#">dsPIC30F2010 Errata &amp; Data Sheet Clarification</a></li> <li> <a href="#">16-bit Embedded Control Solutions</a></li> <li> <a href="#">dsPIC30F Section 35. Serial Peripheral</a></li> <li> <a href="#">dsPIC30F Flash Programming Specification</a></li> </ul> <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>	DSPIC30F2010-20E/SP
<b>Description</b>	IC MCU 16BIT 12KB FLASH 28SDIP
<b>Quantity Available</b>	29272 pcs
<b>Category</b>	<a href="#">Integrated Circuits (ICs)</a>
<b>Supplier Device Package</b>	28-SPDIP
<b>Series</b>	dsPIC™ 30F
<b>Program Memory Type</b>	FLASH
<b>Peripherals</b>	Brown-out Detect/Reset, Motor Control PWM, QEI, POR, PWM, WDT
<b>Package / Case</b>	28-DIP (0.300", 7.62mm)
<b>Operating Temperature</b>	-40°C ~ 125°C (TA)
<b>Moisture Sensitivity Level (MSL)</b>	1 (Unlimited)
<b>Lead Free Status / RoHS Status</b>	Lead free / RoHS Compliant
<b>Detailed Description</b>	dsPIC dsPIC™ 30F Microcontroller IC 16-Bit 20 MIPS 12KB (4K x 24) FLASH 28-SPDIP
<b>Core Size</b>	16-Bit
<b>Connectivity</b>	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="#">dsPIC30F2010 Datasheet</a> <a href="#">dsPIC30F2010 Errata &amp; Data Sheet Clarification</a> <a href="#">16-bit Embedded Control Solutions</a> <a href="#">dsPIC30F Section 35. Serial Peripheral</a> <a href="#">dsPIC30F Flash Programming Specification</a>
<b>Voltage - Supply (Vcc/Vdd)</b>	2.5 V ~ 5.5 V
<b>Speed</b>	20 MIPS
<b>RAM Size</b>	512 x 8
<b>Program Memory Size</b>	12KB (4K x 24)
<b>Packaging</b>	Tube
<b>Oscillator Type</b>	Internal
<b>Number of I/O</b>	20
<b>Manufacturer Standard Lead Time</b>	6 Weeks
<b>EEPROM Size</b>	1K x 8
<b>Data Converters</b>	A/D 6x10b
<b>Core Processor</b>	dsPIC
<b>Base Part Number</b>	DSPIC30F2010

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RELATED PRODUCTS	
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