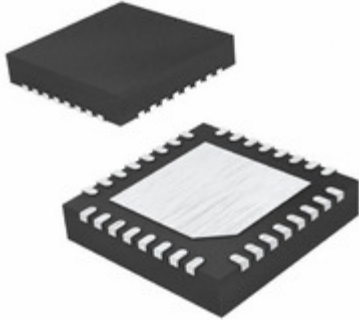


DSPIC30F2010T-30I/MM





Part Number:

DSPIC30F2010T-30I/MM

Manufacturer:

Micrel / Microchip Technology

Description:

IC MCU 16BIT 12KB FLASH 28QFN

Data sheet:

 [dsPIC30F2010 Datasheet](#)

 [dsPIC30F2010 Errata & Data Sheet Clarification](#)

 [16-bit Embedded Control Solutions](#)

 [dsPIC30F Section 35. Serial Peripheral](#)

 [DSPIC30F Flash Programming Specification](#)

RoHs Status:

Lead free / RoHS Compliant

Ship From:

Hong Kong

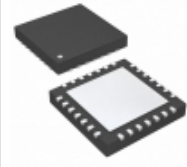
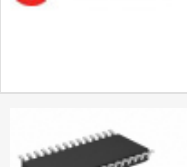
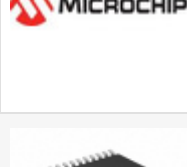
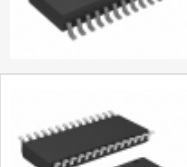
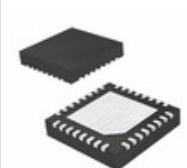
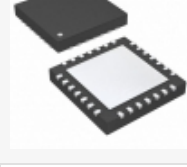
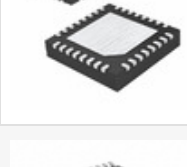
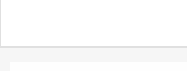
Shipment Way:

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Images are for reference only.
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PRODUCT PARAMETER			
Part Number	DSPIC30F2010T-30I/MM	Manufacturer	Micrel / Microchip Technology
Description	IC MCU 16BIT 12KB FLASH 28QFN	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	28386 pcs	Data sheet	dsPIC30F2010 Datasheet dsPIC30F2010 Errata & Data Sheet Clarification 16-bit Embedded Control Solutions dsPIC30F Section 35. Serial Peripheral DSPIC30F Flash Programming Specification
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	2.5 V ~ 5.5 V
Supplier Device Package	28-QFN-S (6x6)	Speed	30 MIPs
Series	dsPIC™ 30F	RAM Size	512 x 8
Program Memory Type	FLASH	Program Memory Size	12KB (4K x 24)
Peripherals	Brown-out Detect/Reset, Motor Control PWM, QEI, POR, PWM, WDT	Packaging	Tape & Reel (TR)
Package / Case	28-VQFN Exposed Pad	Oscillator Type	Internal
Operating Temperature	-40°C ~ 85°C (TA)	Number of I/O	20
Moisture Sensitivity Level (MSL)	1 (Unlimited)	Manufacturer Standard Lead Time	8 Weeks
Lead Free Status / RoHS Status	Lead free / RoHS Compliant	EEPROM Size	1K x 8
Detailed Description	dsPIC dsPIC™ 30F Microcontroller IC 16-Bit 30 MIPs 12KB (4K x 24) FLASH 28-QFN-S (6x6)	Data Converters	A/D 6x10b
Core Size	16-Bit	Core Processor	dsPIC
Connectivity	IPC, SPI, UART/USART	Base Part Number	DSPIC30F2010
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