

DSPIC30F5013T-20E/PT



Part Number: [DSPIC30F5013T-20E/PT](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC MCU 16BIT 66KB FLASH 80TQFP

Data sheet:  [dsPIC30F Ref Manual Errata](#)
 [16-bit Embedded Control Solutions](#)
 [dsPIC30F Section 35. Serial Peripheral Interface\(S](#)
 [DSPIC30F Flash Programming Specification](#)
 [DSPIC30F5011, 5013](#)
 [dsPIC30F5011,5013 Errata & Data Sheet Clarificatio](#)

RoHs Status: Lead free / RoHS Compliant

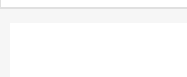
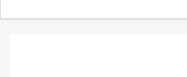
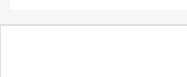
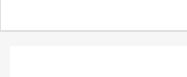
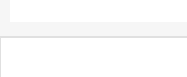
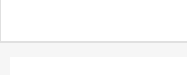
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PRODUCT PARAMETER			
Part Number	DSPIC30F5013T-20E/PT	Manufacturer	Micrel / Microchip Technology
Description	IC MCU 16BIT 66KB FLASH 80TQFP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	13369 pcs	Data sheet	dsPIC30F Ref Manual Errata 16-bit Embedded Control Solutions dsPIC30F Section 35. Serial Peripheral Interface(S DSPIC30F Flash Programming Specification DSPIC30F5011, 5013 dsPIC30F5011,5013 Errata & Data Sheet Clarificatio
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	2.5 V ~ 5.5 V
Supplier Device Package	80-TQFP (12x12)	Speed	20 MIPS
Series	dsPIC™ 30F	RAM Size	4K x 8
Program Memory Type	FLASH	Program Memory Size	66KB (22K x 24)
Peripherals	AC'97, Brown-out Detect/Reset, I²S, LVD, POR, PWM, WDT	Packaging	Tape & Reel (TR)
Package / Case	80-TQFP	Other Names	DSPIC30F5013T20EP
Oscillator Type	Internal	Operating Temperature	-40°C ~ 125°C (TA)
Number of I/O	68	Moisture Sensitivity Level (MSL)	3 (168 Hours)
Manufacturer Standard Lead Time	10 Weeks	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
EEPROM Size	1K x 8	Detailed Description	dsPIC dsPIC™ 30F Microcontroller IC 16-Bit 20 MIPS 66KB (22K x 24) FLASH 80-TQFP (12x12)
Data Converters	A/D 16x12b	Core Size	16-Bit
Core Processor	dsPIC	Connectivity	CANbus, I²C, SPI, UART/USART
Base Part Number	DSPIC30F5013		
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