

DSPIC30F4013-20I/P



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Part Number: DSPIC30F4013-20I/P

Manufacturer: Micrel / Microchip Technology

Description: IC MCU 16BIT 48KB FLASH 40DIP

Data sheet:  DSPIC30F Programmer Reference Errata Sheet
 dsPIC30F Ref Manual Errata
 16-bit Embedded Control Solutions
 DSPIC30F3014, 4013
 dsPIC30F Section 35. Serial Peripheral Interface(S)
 dsPIC30F3014,4013 Errata & Data Sheet Clarificatio
 DSPIC30F Flash Programming Specification

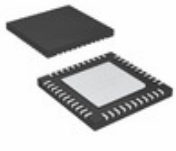
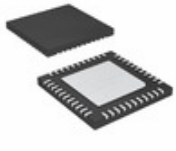
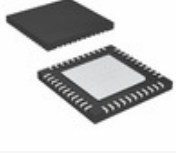
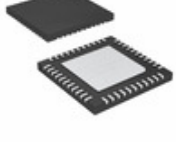
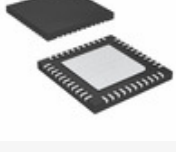
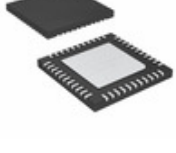
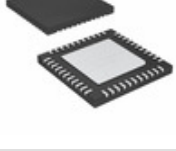
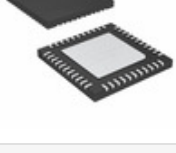
RoHs Status: Lead free / RoHS Compliant

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PRODUCT PARAMETER			
Part Number	DSPIC30F4013-20I/P	Manufacturer	Micrel / Microchip Technology
Description	IC MCU 16BIT 48KB FLASH 40DIP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	22886 pcs	Data sheet	DSPIC30F Programmer Reference Errata Sheet dsPIC30F Ref Manual Errata 16-bit Embedded Control Solutions DSPIC30F3014, 4013 dsPIC30F Section 35. Serial Peripheral Interface(S dsPIC30F3014,4013 Errata & Data Sheet Clarificatio DSPIC30F Flash Programming Specification
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	2.5 V ~ 5.5 V
Supplier Device Package	40-PDIP	Speed	20 MIPS
Series	dsPIC™ 30F	RAM Size	2K x 8
Program Memory Type	FLASH	Program Memory Size	48KB (16K x 24)
Peripherals	AC'97, Brown-out Detect/Reset, I²S, POR, PWM, WDT	Packaging	Tube
Package / Case	40-DIP (0.600", 15.24mm)	Other Names	DSPIC30F4013-20IP DSPIC30F401320IP
Oscillator Type	Internal	Operating Temperature	-40°C ~ 85°C (TA)
Number of I/O	30	Moisture Sensitivity Level (MSL)	1 (Unlimited)
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 48KB (16K x 24) FLASH 40-PDIP
Data Converters	A/D 13x12b	Core Size	16-Bit
Core Processor	dsPIC	Connectivity	CANbus, I²C, SPI, UART/USART
Base Part Number	DSPIC30F4013		
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