

DSPIC30F6013AT-30I/PT



Part Number: [DSPIC30F6013AT-30I/PT](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC MCU 16BIT 132KB FLASH 80TQFP

Data sheet:  [dsPIC30F6011A-14A Errata & Data Sheet Clarificatio](#)
 [16-bit Embedded Control Solutions](#)
 [DSPIC30F Section35 SPI](#)
 [DSPIC30F Flash Prog. Spec.](#)
 [DSPIC30F6011A-6014A Datasheet](#)
 [DSPIC30F6011A - 14A](#)

RoHs Status: Lead free / RoHS Compliant

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PRODUCT PARAMETER			
Part Number	DSPIC30F6013AT-30I/PT	Manufacturer	Micrel / Microchip Technology
Description	IC MCU 16BIT 132KB FLASH 80TQFP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	5895 pcs	Data sheet	dsPIC30F6011A-14A Errata & Data Sheet Clarificatio 16-bit Embedded Control Solutions DSPIC30F Section35 SPI DSPIC30F Flash Prog. Spec. DSPIC30F6011A-6014A Datasheet DSPIC30F6011A - 14A
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	2.5 V ~ 5.5 V
Supplier Device Package	80-TQFP (12x12)	Speed	30 MIPs
Series	dsPIC™ 30F	RAM Size	6K x 8
Program Memory Type	FLASH	Program Memory Size	132KB (44K x 24)
Peripherals	Brown-out Detect/Reset, LVD, POR, PWM, WDT	Packaging	Tape & Reel (TR)
Package / Case	80-TQFP	Oscillator Type	Internal
Operating Temperature	-40°C ~ 85°C (TA)	Number of I/O	68
Moisture Sensitivity Level (MSL)	4 (72 Hours)	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
EEPROM Size	2K x 8	Detailed Description	dsPIC dsPIC™ 30F Microcontroller IC 16-Bit 30 MIPs 132KB (44K 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	DSPIC30F6013A		
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