

**DSPIC30F6012T-20I/PF Information**


For Reference Only

**Part Number** [DSPIC30F6012T-20I/PF](#)  
**Manufacturer** Microchip Technology  
**Category** Integrated Circuits (ICs)  
[Embedded - Microcontrollers](#)  
**Description** IC MCU 16BIT 144KB FLASH 64TQFP  
**Package** 64-TQFP  
 For the pricing/inventory/lead time, please contact us  
 Website: <https://www.heisener.com>  
 E-mail: [salesdept@heisener.com](mailto:salesdept@heisener.com)



[Request a Quote](#)

**Certified Quality**

Heisener's commitment to quality has shaped our processes for sourcing, testing, shipping, and every step in between. This foundation underlies each component we sell.


**DSPIC30F6012T-20I/PF Specifications**

Manufacturer Part Number	<a href="#">DSPIC30F6012T-20I/PF</a>
Manufacturer	Microchip Technology
Category	Integrated Circuits (ICs) <a href="#">Embedded - Microcontrollers</a>
Package	64-TQFP
Series	dsPIC? 30F
Core Processor	dsPIC
Core Size	16-Bit
Speed	20 MIPS
Connectivity	CAN, I2C, SPI, UART/USART
Peripherals	AC'97, Brown-out Detect/Reset, I2S, LVD, POR, PWM, WDT
Number of I/O	52
Program Memory Size	144KB (48K x 24)
Program Memory Type	FLASH
EEPROM Size	4K x 8
RAM Size	8K x 8
Voltage - Supply (Vcc/Vdd)	2.5 V ~ 5.5 V
Data Converters	A/D 16x12b
Oscillator Type	Internal
Operating Temperature	-40°C ~ 85°C (TA)
Mounting Type	-
Package / Case	64-TQFP
Supplier Device Package	64-TQFP (14x14)

[Report errors?](#)

## DSPIC30F6012T-20I/PF Guarantees



### Quality Guarantees

We provide 90 days warranty. \*

If the items you received were not in perfect quality, we would be responsible for your refund or replacement, but the items must be returned in their original condition.



### Service Guarantees

We guarantee 100% customer satisfaction.

Our experienced sales team and tech support team back our services to satisfy all our customers.

## DSPIC30F6012T-20I/PF Payment Methods



## DSPIC30F6012T-20I/PF Shipping Methods



If you have any question about DSPIC30F6012T-20I/PF, please do not hesitate to contact us!

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