

**DSPIC30F6015-20I/PT Information**


For Reference Only

**Part Number** [DSPIC30F6015-20I/PT](#)  
**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.


**DSPIC30F6015-20I/PT Specifications**

|                            |  |
|----------------------------|--|
| Manufacturer Part Number   | <a href="#">DSPIC30F6015-20I/PT</a>                                      |
| Manufacturer               | Microchip Technology   |
| Category                   | Integrated Circuits (ICs)<br><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                | Brown-out Detect/Reset, LVD, Motor Control PWM, QEI, 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 16x10b   |
| Oscillator Type            | Internal   |
| Operating Temperature      | -40°C ~ 85°C (TA)  |
| Mounting Type              | -  |
| Package / Case             | 64-TQFP  |
| Supplier Device Package    | 64-TQFP (10x10)  |

[Report errors?](#)

## DSPIC30F6015-20I/PT 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.

## DSPIC30F6015-20I/PT Payment Methods



## DSPIC30F6015-20I/PT Shipping Methods



If you have any question about DSPIC30F6015-20I/PT, please do not hesitate to contact us!

Website: <https://www.heisener.com>

E-mail: [salesdept@heisener.com](mailto:salesdept@heisener.com)