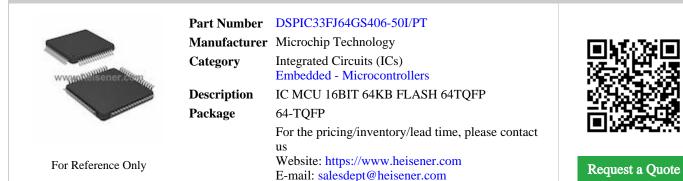


# DSPIC33FJ64GS406-50I/PT

### DSPIC33FJ64GS406-50I/PT Information



# **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.



# DSPIC33FJ64GS406-50I/PT Specifications

| Manufacturer Part Number   | DSPIC33FJ64GS406-50I/PT                    |
|----------------------------|--|
| Manufacturer               | Microchip Technology                       |
| Category                   | Integrated Circuits (ICs)                  |
|                            | Embedded - Microcontrollers                |
| Package                    | 64-TQFP                                    |
| Series                     | dsPIC? 33F                                 |
| Core Processor             | dsPIC                                      |
| Core Size                  | 16-Bit                                     |
| Speed                      | 50 MIPs                                    |
| Connectivity               | I2C, IrDA, LIN, SCI, SPI, UART/USART, USB  |
| Peripherals                | Brown-out Detect/Reset, QEI, POR, PWM, WDT |
| Number of I/O              | 58   |
| Program Memory Size        | 64KB (64K x 8)                             |
| Program Memory Type        | FLASH                                      |
| EEPROM Size                | -  |
| RAM Size                   | 8K x 8                                     |
| Voltage - Supply (Vcc/Vdd) | 3 V ~ 3.6 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?                             |

## DSPIC33FJ64GS406-50I/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.

#### DSPIC33FJ64GS406-50I/PT Payment Methods



If you have any question about DSPIC33FJ64GS406-50I/PT, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com