

# PIC16F877T-20/L

### PIC16F877T-20/L Information

|                    | <br>PIC16F877T-20/L<br>Microchip Technology<br>Integrated Circuits (ICs)<br>Embedded - Microcontrollers<br>IC MCU 8BIT 14KB FLASH 44PLCC<br>44-LCC (J-Lead)<br>For the pricing/inventory/lead time, please contact |                 |
|--------------------|--|-----------------|
| For Reference Only | us<br>Website: https://www.heisener.com<br>E-mail: 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.



## PIC16F877T-20/L Specifications

| Manufacturer Part Number   | PIC16F877T-20/L                       |
|----------------------------|---------------------------------------|
| Manufacturer               | Microchip Technology                  |
| Category                   | Integrated Circuits (ICs)             |
|                            | Embedded - Microcontrollers           |
| Package                    | 44-LCC (J-Lead)                       |
| Series                     | PIC? 16F                              |
| Core Processor             | PIC                                   |
| Core Size                  | 8-Bit                                 |
| Speed                      | 20MHz                                 |
| Connectivity               | I2C, SPI, UART/USART                  |
| Peripherals                | Brown-out Detect/Reset, POR, PWM, WDT |
| Number of I/O              | 33                                    |
| Program Memory Size        | 14KB (8K x 14)                        |
| Program Memory Type        | FLASH                                 |
| EEPROM Size                | 256 x 8                               |
| RAM Size                   | 368 x 8                               |
| Voltage - Supply (Vcc/Vdd) | 4 V ~ 5.5 V                           |
| Data Converters            | A/D 8x10b                             |
| Oscillator Type            | External                              |
| Operating Temperature      | 0°C ~ 70°C (TA)                       |
| Mounting Type              | -                                     |
| Package / Case             | 44-LCC (J-Lead)                       |
| Supplier Device Package    | 44-PLCC (16.59x16.59)                 |
|                            | Report errors?                        |

#### PIC16F877T-20/L 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.

#### PIC16F877T-20/L Payment Methods



### PIC16F877T-20/L Shipping Methods



If you have any question about PIC16F877T-20/L, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com