

PIC17C44-25I/PQ



Part Number: [PIC17C44-25I/PQ](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC MCU 8BIT 16KB OTP 44MQFP

Data sheet:  [PIC17C4x](#)  
 [Tips N Tricks Guide](#)  
 [Timer1 Errata](#)  
 [PIC17C44 Rev. A Silicon Errata Sheet](#)

RoHs Status: Lead free / RoHS Compliant

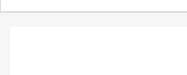
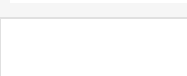
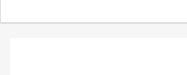
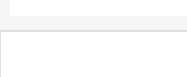
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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                |                                 |                                                                                                                                                          |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------|---------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | PIC17C44-25I/PQ                                                                | Manufacturer                    | <a href="#">Micrel / Microchip Technology</a>                                                                                                            |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | IC MCU 8BIT 16KB OTP 44MQFP                                                    | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant                                                                                                                               |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 7481 pcs                                                                       | Data sheet                      | <a href="#">PIC17C4x</a><br><a href="#">Tips N Tricks Guide</a><br><a href="#">Timer1 Errata</a><br><a href="#">PIC17C44 Rev. A Silicon Errata Sheet</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | <a href="#">Integrated Circuits (ICs)</a>                                      | Voltage - Supply (Vcc/Vdd)      | 4.5 V ~ 6 V                                                                                                                                              |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 44-MQFP (10x10)                                                                | Speed                           | 25MHz                                                                                                                                                    |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | PIC® 17C                                                                       | RAM Size                        | 454 x 8                                                                                                                                                  |
| Program Memory Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | OTP                                                                            | Program Memory Size             | 16KB (8K x 16)                                                                                                                                           |
| Peripherals                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | POR, PWM, WDT                                                                  | Packaging                       | Tray                                                                                                                                                     |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 44-QFP                                                                         | Oscillator Type                 | External                                                                                                                                                 |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | -40°C ~ 85°C (TA)                                                              | Number of I/O                   | 33                                                                                                                                                       |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 3 (168 Hours)                                                                  | Manufacturer Standard Lead Time | 4 Weeks                                                                                                                                                  |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Lead free / RoHS Compliant                                                     | EEPROM Size                     | -                                                                                                                                                        |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | PIC PIC® 17C Microcontroller IC 8-Bit 25MHz 16KB (8K x 16) OTP 44-MQFP (10x10) | Data Converters                 | -                                                                                                                                                        |
| Core Size                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 8-Bit                                                                          | Core Processor                  | PIC                                                                                                                                                      |
| Connectivity                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | UART/USART                                                                     | Base Part Number                | PIC17C44                                                                                                                                                 |
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|  | Part#: <a href="#">PIC17C44-25I/P</a><br>Description: IC MCU 8BIT 16KB OTP 40DIP   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">PIC17C44-25E/L</a><br>Description: IC MCU 8BIT 16KB OTP 44PLCC  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
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| Related keywords for <b>PIC17C44-25I/PQ</b>   |                                      |                                                        |                       |
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