

PIC18F6310T-I/PT



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Part Number: [PIC18F6310T-I/PT](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC MCU 8BIT 8KB FLASH 64TQFP

Data sheet:  [PIC18F6x10,8x10 Rev.C1 Errata](#)  
 [PIC18Fxx10 Data Sheet Errata](#)  
 [PIC18F8410, 849x Programming Specification](#)  
 [PIC18Fxx10](#)  
 [PIC18F6x10, 8x10 Rev. C0 Errata](#)  
 [PIC18Fxx10 Revision B3 Errata](#)

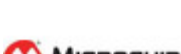
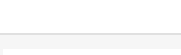
RoHs Status: Contains lead / RoHS non-compliant

Ship From: Hong Kong

Shipment Way: DHL/Fedex/TNT/UPS/EMS

Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                 |                                 |                                                                                                                                                                                                                                                                                               |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------|---------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | PIC18F6310T-I/PT                                                                | Manufacturer                    | <a href="#">Micrel / Microchip Technology</a>                                                                                                                                                                                                                                                 |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | IC MCU 8BIT 8KB FLASH 64TQFP                                                    | Lead Free Status / RoHS Status  | Contains lead / RoHS non-compliant                                                                                                                                                                                                                                                            |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 29820 pcs                                                                       | Data sheet                      | <a href="#">PIC18F6x10,8x10 Rev.C1 Errata</a><br><a href="#">PIC18Fxx10 Data Sheet Errata</a><br><a href="#">PIC18F8410, 849x Programming Specification</a><br><a href="#">PIC18Fxx10</a><br><a href="#">PIC18F6x10, 8x10 Rev. C0 Errata</a><br><a href="#">PIC18Fxx10 Revision B3 Errata</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | <a href="#">Integrated Circuits (ICs)</a>                                       | Voltage - Supply (Vcc/Vdd)      | 4.2 V ~ 5.5 V                                                                                                                                                                                                                                                                                 |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 64-TQFP (10x10)                                                                 | Speed                           | 40MHz                                                                                                                                                                                                                                                                                         |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | PIC® 18F                                                                        | RAM Size                        | 768 x 8                                                                                                                                                                                                                                                                                       |
| Program Memory Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | FLASH                                                                           | Program Memory Size             | 8KB (4K x 16)                                                                                                                                                                                                                                                                                 |
| Peripherals                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Brown-out Detect/Reset, HLVD, POR, PWM, WDT                                     | Packaging                       | Tape & Reel (TR)                                                                                                                                                                                                                                                                              |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 64-TQFP                                                                         | Oscillator Type                 | Internal                                                                                                                                                                                                                                                                                      |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | -40°C ~ 85°C (TA)                                                               | Number of I/O                   | 54                                                                                                                                                                                                                                                                                            |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 3 (168 Hours)                                                                   | Manufacturer Standard Lead Time | 10 Weeks                                                                                                                                                                                                                                                                                      |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Contains lead / RoHS non-compliant                                              | EEPROM Size                     | -                                                                                                                                                                                                                                                                                             |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | PIC PIC® 18F Microcontroller IC 8-Bit 40MHz 8KB (4K x 16) FLASH 64-TQFP (10x10) | Data Converters                 | A/D 12x10b                                                                                                                                                                                                                                                                                    |
| Core Size                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 8-Bit                                                                           | Core Processor                  | PIC                                                                                                                                                                                                                                                                                           |
| Connectivity                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | IC, SPI, UART/USART                                                             | Base Part Number                | PIC18F6310                                                                                                                                                                                                                                                                                    |
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| RELATED PRODUCTS                                                                   |                                                                                           |                                                              |                |
|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|--------------------------------------------------------------|----------------|
|  | Part#: <a href="#">PIC18F6393T-I/PT</a><br>Description: IC MCU 8BIT 8KB FLASH 64TQFP      | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC18F57K42-I/PT</a><br>Description: IC MCU 8BIT 128KB FLASH 48TQFP    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC18F57K42-E/MV</a><br>Description: IC MCU 8BIT 128KB FLASH 48UQFN    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC18F63J11T-I/PT</a><br>Description: IC MCU 8BIT 8KB FLASH 64TQFP     | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC18F6390-E/PT</a><br>Description: IC MCU 8BIT 8KB FLASH 64TQFP       | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC18F57K42T-I/PT</a><br>Description: IC MCU 8BIT 128KB FLASH 48TQFP   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC18F63J90-I/PT</a><br>Description: IC MCU 8BIT 8KB FLASH 64TQFP      | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC18F6393-I/PT</a><br>Description: IC MCU 8BIT 8KB FLASH 64TQFP       | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC18F6310-E/PT</a><br>Description: IC MCU 8BIT 8KB FLASH 64TQFP       | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC18F57K42-I/MV</a><br>Description: IC MCU 8BIT 128KB FLASH 48UQFN    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC18F6410-E/PT</a><br>Description: IC MCU 8BIT 16KB FLASH 64TQFP      | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC18F56K42T-I/PT</a><br>Description: FLASH, 4KB RAM                   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC18F6310-I/PT</a><br>Description: IC MCU 8BIT 8KB FLASH 64TQFP       | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC18F56K42T-I/MV</a><br>Description: 64KB FLASH, 4KB RAM, 256B EEPROM | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC18F57K42T-I/MV</a><br>Description: IC MCU 8BIT 128KB FLASH 48UQFN   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">PIC18F63J90T-I/PT</a><br>Description: IC MCU 8BIT 8KB FLASH 64TQFP     | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">PIC18F6390-I/PT</a><br>Description: IC MCU 8BIT 8KB FLASH 64TQFP       | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC18F63J11-I/PT</a><br>Description: IC MCU 8BIT 8KB FLASH 64TQFP      | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |

Related keywords for PIC18F6310T-I/PT

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