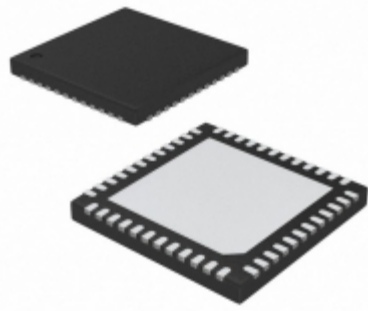


FT51AQ-T



Part Number: [FT51AQ-T](#)

Manufacturer: [FTDI, Future Technology Devices International Ltd](#)

Description: IC MCU 8BIT 16KB MTP 48QFN

Data sheet:  [FT51A Series](#)

RoHs Status: Lead free / RoHS Compliant

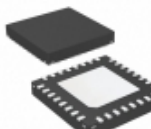
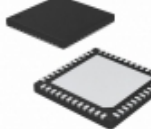
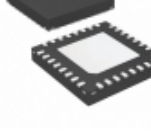
Ship From: Hong Kong

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

Images are for reference only.  
See Product Specifications for product details.  
Buy FT51AQ-T with confidence from Component-World.HK, 1 Year Warranty

Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                           |                                 |                                                                                                  |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|---------------------------------|--------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | FT51AQ-T                                  | Manufacturer                    | <a href="#">FTDI, Future Technology Devices International Ltd</a>                                |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | IC MCU 8BIT 16KB MTP 48QFN                | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant                                                                       |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 33109 pcs                                 | Data sheet                      | <a href="#">FT51A Series</a>                                                                     |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Supply (Vcc/Vdd)      | Multi-Time Programmable (MTP)                                                                    |
| Voltage - Breakdown                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 48-WQFN (7x7)                             | Series                          | -                                                                                                |
| RoHS Status                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Tray                                      | Reverse Recovery Time (trr)     | 48MHz                                                                                            |
| Requires                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | DMA, POR, PWM, WDT                        | Program Memory Type             | 16KB (16K x 8)                                                                                   |
| Program Memory Size                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | I <sup>2</sup> C, SPI, UART/USART, USB    | Polarization                    | 48-WFQFN Exposed Pad                                                                             |
| Other Names                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 768-1269                                  | Oscillator Type                 | A/D 16x8b                                                                                        |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | -40°C ~ 85°C (TA)                         | Operating System                | 8051                                                                                             |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 3 (168 Hours)                             | Manufacturer Standard Lead Time | 12 Weeks                                                                                         |
| Manufacturer Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | FT51AQ-T                                  | Expanded Description            | 8051 - Microcontroller IC 8-Bit 48MHz 16KB (16K x 8) Multi-Time Programmable (MTP) 48-WQFN (7x7) |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | IC MCU 8BIT 16KB MTP 48QFN                | Data SRAM Bytes                 | -                                                                                                |
| Data Converters                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 3 V ~ 5.5 V                               | Core Size                       | 24K x 8                                                                                          |
| Controller Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Internal                                  | Connectivity                    | 8-Bit                                                                                            |
| Clock Rate                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 16                                        |                                 |                                                                                                  |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all FTDI (Future Technology Devices International, Ltd.) series electronic components. We have 33109 pieces of FTDI (Future Technology Devices International, Ltd.) FT51AQ-T in stock available now. Request a quote from electronics components distributor at Component-World.com, our sales team will contact you within 24 hours.<br>RFQ Email: <a href="mailto:info@Components-World.com">info@Components-World.com</a> |                                           |                                 |                                                                                                  |

| RELATED PRODUCTS                                                                   |                                                                                  |                                                                                  |                     |
|------------------------------------------------------------------------------------|----------------------------------------------------------------------------------|----------------------------------------------------------------------------------|---------------------|
|  | Part#: <a href="#">FT510FB</a><br>Description: IC REG LINEAR 3V 250MA SOT89-3LA  | Manufacturers: <a href="#">Fremont Micro Devices</a>                             | <a href="#">RFQ</a> |
|  | Part#: <a href="#">FT51CS-R</a><br>Description: IC MCU 8BIT 16KB MTP 28SSOP      | Manufacturers: <a href="#">FTDI, Future Technology Devices International Ltd</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">FT531IA</a><br>Description: IC REG LINEAR 3V 250MA SOT23-5    | Manufacturers: <a href="#">Fremont Micro Devices</a>                             | <a href="#">RFQ</a> |
|  | Part#: <a href="#">FT511AB</a><br>Description: IC REG LIN 1.2V 150MA SOT89-3LA   | Manufacturers: <a href="#">Fremont Micro Devices</a>                             | <a href="#">RFQ</a> |
|  | Part#: <a href="#">FT510GB</a><br>Description: IC REG LIN 3.3V 250MA SOT89-3LA   | Manufacturers: <a href="#">Fremont Micro Devices</a>                             | <a href="#">RFQ</a> |
|  | Part#: <a href="#">FT510EB</a><br>Description: IC REG LIN 2.8V 250MA SOT89-3LA   | Manufacturers: <a href="#">Fremont Micro Devices</a>                             | <a href="#">RFQ</a> |
|  | Part#: <a href="#">FT51AL-T</a><br>Description: IC MCU 8BIT 16KB MTP 44LQFP      | Manufacturers: <a href="#">FTDI, Future Technology Devices International Ltd</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">FT531AA</a><br>Description: IC REG LINEAR 1.2V 250MA SOT23-5  | Manufacturers: <a href="#">Fremont Micro Devices</a>                             | <a href="#">RFQ</a> |
|  | Part#: <a href="#">FT511BB</a><br>Description: IC REG LIN 1.5V 150MA SOT89-3LA   | Manufacturers: <a href="#">Fremont Micro Devices</a>                             | <a href="#">RFQ</a> |
|  | Part#: <a href="#">FT51BQ-R</a><br>Description: IC MCU 8BIT 16KB MTP 32QFN       | Manufacturers: <a href="#">FTDI, Future Technology Devices International Ltd</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">FT531GA</a><br>Description: IC REG LINEAR 2.8V 250MA SOT23-5  | Manufacturers: <a href="#">Fremont Micro Devices</a>                             | <a href="#">RFQ</a> |
|  | Part#: <a href="#">FT531EA</a><br>Description: IC REG LINEAR 2.5V 250MA SOT23-5  | Manufacturers: <a href="#">Fremont Micro Devices</a>                             | <a href="#">RFQ</a> |
|  | Part#: <a href="#">FT51A-EVM</a><br>Description: FT51 DEVELOPMENT BOARD SUPPORTS | Manufacturers: <a href="#">FTDI, Future Technology Devices International Ltd</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">FT51AL-R</a><br>Description: IC MCU 8BIT 16KB MTP 44LQFP      | Manufacturers: <a href="#">FTDI, Future Technology Devices International Ltd</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">FT51AQ-R</a><br>Description: IC MCU 8BIT 16KB MTP 48QFN       | Manufacturers: <a href="#">FTDI, Future Technology Devices International Ltd</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">FT531CA</a><br>Description: IC REG LINEAR 1.5V 250MA SOT23-5  | Manufacturers: <a href="#">Fremont Micro Devices</a>                             | <a href="#">RFQ</a> |
|  | Part#: <a href="#">FT51BQ-T</a><br>Description: IC MCU 8BIT 16KB MTP 32QFN       | Manufacturers: <a href="#">FTDI, Future Technology Devices International Ltd</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">FT511DB</a><br>Description: IC REG LIN 2.5V 150MA SOT89-3LA   | Manufacturers: <a href="#">Fremont Micro Devices</a>                             | <a href="#">RFQ</a> |
|  | Part#: <a href="#">FT531JA</a><br>Description: IC REG LINEAR 3.3V 250MA SOT23-5  | Manufacturers: <a href="#">Fremont Micro Devices</a>                             | <a href="#">RFQ</a> |
|  | Part#: <a href="#">FT51CS-U</a><br>Description: IC MCU 8BIT 16KB MTP 28SSOP      | Manufacturers: <a href="#">FTDI, Future Technology Devices International Ltd</a> | <a href="#">RFQ</a> |

Related keywords for FT51AQ-T

|                                                      |                                                    |                                              |                                                   |
|------------------------------------------------------|----------------------------------------------------|----------------------------------------------|---------------------------------------------------|
| FTDI (Future Technology Devices International, Ltd.) | FT51AQ-T distributor                               | FT51AQ-T supplier                            | FT51AQ-T price                                    |
| FT51AQ-T                                             | FT51AQ-T download datasheet                        | FT51AQ-T datasheet                           | FT51AQ-T stock                                    |
| buy FT51AQ-T                                         | FTDI (Future Technology Devices International, Ltd | Future Technology Devices International Ltd. | FTDI, Future Technology Devices International Ltd |
|                                                      | FT51AQ-T                                           | FT51AQ-T                                     | FT51AQ-T                                          |
| Future Technology Devices International FT51AQ-T     | Future Technology Devices International, Ltd.      |                                              |                                                   |
|                                                      | FT51AQ-T                                           |                                              |                                                   |

