



Image may be representation.
See specifications for product details.



PIC17C752-16I/L

| | |
|--------------------------|--|
| Manufacturer Part Number | PIC17C752-16I/L |
| Manufacturer | Microchip Technology |
| Allelco Part Number | 32D-PIC17C752-16I/L |
| ECAD Model | Request Free CAD Models |
| Parts Description | IC MCU 8BIT 16KB OTP 68PLCC |
| Package | 68-LCC (J-Lead) |
| Data sheet | Tips N Tricks Guide.pdf PIC17C75x,76x.pdf |
| RoHs Status | ROHS3 Compliant |

Get a Quote

PIC17C752-16I/L - Microchip Technology.New Original in Stock. Download Linear Technology PIC17C752-16I/L datasheet/specifications on AllelcoElec.com.
Request a quote for PIC17C752-16I/L, please send us email: info@allelco.com

Specifications

PIC17C752-16I/L Tech Specifications

PIC17C752-16I/L - Microchip Technology technical specifications, attributes, parameters

| Product Attribute | Attribute Value | Product Attribute | Attribute Value |
|----------------------------|---------------------------------------|-----------------------|----------------------|
| Manufacturer | Microchip Technology | Oscillator Type | External |
| Voltage - Supply (Vcc/Vdd) | 4.5V ~ 5.5V | Operating Temperature | -40°C ~ 85°C (TA) |
| Supplier Device Package | 68-PLCC (24.23x24.23) | Number of I/O | 50 |
| Speed | 16MHz | Mounting Type | Surface Mount |
| Series | PIC® 17C | EEPROM Size | - |
| RAM Size | 454 x 8 | Data Converters | A/D 12x10b |
| Program Memory Type | OTP | Core Size | 8-Bit |
| Program Memory Size | 16KB (8K x 16) | Core Processor | PIC |
| Peripherals | Brown-out Detect/Reset, POR, PWM, WDT | Connectivity | I²C, SPI, UART/USART |
| Package / Case | 68-LCC (J-Lead) | Base Product Number | PIC17C752 |
| Package | Tube | | |

Parts with Similar Specifications

The three parts on the right have similar specifications to Microchip Technology PIC17C752-16I/L

| Product Attribute | | | | |
|----------------------------|---------------------------------------|-----------------------|-----------------------|--------------------------|
| Part Number | PIC17C752-16I/L | PIC17C44-33/L | PIC17C44-25/L | PIC17C44-16/P |
| Manufacturer | Microchip Technology | Microchip Technology | Microchip Technology | Microchip Technology |
| Supplier Device Package | 68-PLCC (24.23x24.23) | 44-PLCC (16.59x16.59) | 44-PLCC (16.59x16.59) | 40-PDIP |
| Package | Tube | Tube | Tube | Tube |
| Voltage - Supply (Vcc/Vdd) | 4.5V ~ 5.5V | 4.5V ~ 6V | 4.5V ~ 6V | 4.5V ~ 6V |
| RAM Size | 454 x 8 | 454 x 8 | 454 x 8 | 454 x 8 |
| Number of I/O | 50 | 33 | 33 | 33 |
| Core Processor | PIC | PIC | PIC | PIC |
| Program Memory Type | OTP | OTP | OTP | OTP |
| Core Size | 8-Bit | 8-Bit | 8-Bit | 8-Bit |
| Operating Temperature | -40°C ~ 85°C (TA) | 0°C ~ 70°C (TA) | 0°C ~ 70°C (TA) | 0°C ~ 70°C (TA) |
| Package / Case | 68-LCC (J-Lead) | 44-LCC (J-Lead) | 44-LCC (J-Lead) | 40-DIP (0.600", 15.24mm) |
| Oscillator Type | External | External | External | External |
| Program Memory Size | 16KB (8K x 16) | 16KB (8K x 16) | 16KB (8K x 16) | 16KB (8K x 16) |
| Series | PIC® 17C | PIC® 17C | PIC® 17C | PIC® 17C |
| Speed | 16MHz | 33MHz | 25MHz | 16MHz |
| Mounting Type | Surface Mount | Surface Mount | Surface Mount | Through Hole |
| Connectivity | I²C, SPI, UART/USART | UART/USART | UART/USART | UART/USART |
| EEPROM Size | - | - | - | - |
| Data Converters | A/D 12x10b | - | - | - |
| Peripherals | Brown-out Detect/Reset, POR, PWM, WDT | POR, PWM, WDT | POR, PWM, WDT | POR, PWM, WDT |
| Base Product Number | PIC17C752 | PIC17C44 | PIC17C44 | PIC17C44 |

PIC17C752-16I/L Datasheet PDF

Download PIC17C752-16I/L pdf datasheets and Microchip Technology documentation for PIC17C752-16I/L - Microchip Technology.

PCN Packaging

Label and Packing Changes 23/Sep/2015.pdf

MBB/Label Chgs 16/Nov/2018.pdf

HTML Datasheet

Tips N Tricks Guide.pdf



















PIC17C75x,76x.pdf

Errata

 PIC17C756 Rev. A Silicon Errata Sheet.pdf

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Recommended Products

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|---|---|---|--|---|---|
|  |  |  |  |  |  |
| PIC17C75216I/PT Micrel / Microchip Technology | PIC17C44-33/L Microchip Technology IC MCU 8BIT 16KB OTP 44PLCC | PIC17C44-25/L Microchip Technology IC MCU 8BIT 16KB OTP 44PLCC | PIC17C44-16/P Microchip Technology IC MCU 8BIT 16KB OTP 40DIP | PIC17C43-33I/PQ Microchip Technology IC MCU 8BIT 8KB OTP 44MQFP | PIC17C44-16/L Microchip Technology IC MCU 8BIT 16KB OTP 44PLCC |
|  |  |  |  |  |  |
| PIC17C756A-16/PT Microchip Technology IC MCU 8BIT 32KB OTP 64TQFP | PIC17C756A-33/L Microchip Technology IC MCU 8BIT 32KB OTP 68PLCC | PIC17C762-33/PT Microchip Technology IC MCU 8BIT 16KB OTP 80TQFP | PIC17C43-16/PQ Microchip Technology IC MCU 8BIT 8KB OTP 44MQFP | PIC17C752-16I/PT Microchip Technology IC MCU 8BIT 16KB OTP 64TQFP | PIC17C756A-16/L Microchip Technology IC MCU 8BIT 32KB OTP 68PLCC |
|  |  |  |  |  |  |
| PIC17C44-16I/PT Microchip Technology IC MCU 8BIT 16KB OTP 44TQFP | PIC17C43-16/PT Microchip Technology IC MCU 8BIT 8KB OTP 44TQFP | PIC17C756A-16I/L Microchip Technology IC MCU 8BIT 32KB OTP 68PLCC | PIC17C44-25/PT Microchip Technology IC MCU 8BIT 16KB OTP 44TQFP | PIC17C756A-16I/PT Microchip Technology IC MCU 8BIT 32KB OTP 64TQFP | PIC17C44-25I/PT Microchip Technology IC MCU 8BIT 16KB OTP 44TQFP |

Shipment

Delivery Time

In-stock items can be shipped within 24 hours. Some parts will be arranged for delivery within 1-2 days from the date all items arrive at our warehouse. And Allelco ships order once a day at about 17:00, except Sunday. Once the goods are shipped, the estimated delivery time depends on the shipping methods and Delivery destination. The table below shows are the logistic time for some common countries.

Delivery Cost

- > Use your express account for shipment if you have one.
 - > Use our account for the shipment. Refer to the table below for the approximate charges.
- (Different time frame / countries / package size has different price.)

Delivery Method

- > Global Common Shipment by DHL / UPS / FedEx / TNT / EMS / SF we support.
- > Others more shipping ways, please get in touch with your customer manager.

| Common Countries Logistic Time Reference | | |
|--|----------------|--------------------|
| Region | Country | Logistic Time(Day) |
| America | United States | 5 |
| | Brazil | 7 |
| Europe | Germany | 5 |
| | United Kingdom | 4 |
| | Italy | 5 |
| Oceania | Australia | 6 |
| | New Zealand | 7 |
| Asia | India | 6 |
| | Japan | 7 |
| Middle East | Israel | 6 |

| DHL & FedEx Shipment Charges Reference | |
|--|----------------------|
| Shipment charges(KG) | Reference DHL(USD\$) |
| 0.00kg-1.00kg | USD\$60.00 |
| 1.00kg-2.00kg | USD\$70.00 |
| 2.00kg-3.00kg | USD\$80.00 |


Note: The above table is for reference only. There may have some data bias for the uncontrollable factors.
Contact us if you have any questions.


Payment Support


The payment method can be chosen from the methods shown below:
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



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 Efficient Supply Management

 Cost-Saving Procurement

 Fast Sourcing & Delivery

Contact us if you have any questions.

 Phone
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 Email
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Certifications & Memberships



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