



PIC16LC58BT-04/SO Information



For Reference Only

Part Number PIC16LC58BT-04/SO
Manufacturer Microchip Technology
Category Integrated Circuits (ICs)
Embedded - Microcontrollers

DescriptionIC MCU 8BIT 3KB OTP 18SOIC**Package**18-SOIC (0.295", 7.50mm Width)

For the pricing/inventory/lead time, please contact

us

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PIC16LC58BT-04/SO Specifications

| Manufacturer Part Number PICI 6LCS8BT-04/SO Manufacturer Microchip Technology Category Integrated Circuits (ICs) Embedded - Microcontrollers Package 18-SOIC (0.295", 7.50mm Width) Series PIC? 16C Core Processor PIC Core Size 8-Bit Speed 4MHz Connectivity - Peripherals POR, WDT Number of I/O 12 Program Memory Size 3KB (2K x 12) Program Memory Type OTP EEPROM Size - RAM Size 73 x 8 Voltage - Supply (Vcc/Vdd) 2.5 V ~ 5.5 V Data Converters - Oscillator Type External Operating Temperature o°C ~ 70°C (TA) Mounting Type - Package / Case 18-SOIC (0.295", 7.50mm Width) Supplier Device Package 18-SOIC | • | |
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| Category Integrated Circuits (ICs) Embedded - Microcontrollers Package 18-SOIC (0.295", 7.50mm Width) Series PIC? 16C Core Processor PIC Core Size 8-Bit Speed 4MHz Connectivity - Peripherals POR, WDT Number of I/O 12 Program Memory Size 3KB (2K x 12) Program Memory Type OTP EEPROM Size - RAM Size 73 x 8 Voltage - Supply (Vcc/Vdd) 2.5 V ~ 5.5 V Data Converters - Oscillator Type External Operating Temperature 0°C ~ 70°C (TA) Mounting Type - Package / Case 18-SOIC (0.295", 7.50mm Width) Supplier Device Package 18-SOIC | Manufacturer Part Number | PIC16LC58BT-04/SO |
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| Series PIC? 16C Core Processor PIC Core Size 8-Bit Speed 4MHz Connectivity - Peripherals POR, WDT Number of I/O 12 Program Memory Size 3KB (2K x 12) Program Memory Type OTP EEPROM Size - RAM Size 73 x 8 Voltage - Supply (Vcc/Vdd) 2.5 V ~ 5.5 V Data Converters - Oscillator Type External Operating Temperature 0°C ~ 70°C (TA) Mounting Type - Package / Case 18-SOIC (0.295", 7.50mm Width) Supplier Device Package 18-SOIC | | Embedded - Microcontrollers |
| Core Processor PIC Core Size 8-Bit Speed 4MHz Connectivity - Peripherals POR, WDT Number of I/O 12 Program Memory Size 3KB (2K x 12) Program Memory Type OTP EEPROM Size - RAM Size 73 x 8 Voltage - Supply (Vcc/Vdd) 2.5 V ~ 5.5 V Data Converters - Operating Temperature ©°C ~ 70°C (TA) Mounting Type - Package / Case 18-SOIC (0.295", 7.50mm Width) Supplier Device Package 18-SOIC | Package | 18-SOIC (0.295", 7.50mm Width) |
| Core Size 8-Bit Speed 4MHz Connectivity - Peripherals POR, WDT Number of I/O 12 Program Memory Size 3KB (2K x 12) Program Memory Type OTP EEPROM Size - RAM Size 73 x 8 Voltage - Supply (Vcc/Vdd) 2.5 V ~ 5.5 V Data Converters - Oscillator Type External Operating Temperature 0°C ~ 70°C (TA) Mounting Type - Package / Case 18-SOIC (0.295", 7.50mm Width) Supplier Device Package 18-SOIC | Series | PIC? 16C |
| Speed 4MHz Connectivity - Peripherals POR, WDT Number of I/O 12 Program Memory Size 3KB (2K x 12) Program Memory Type OTP EEPROM Size - RAM Size 73 x 8 Voltage - Supply (Vcc/Vdd) 2.5 V ~ 5.5 V Data Converters - Oscillator Type External Operating Temperature 0°C ~ 70°C (TA) Mounting Type - Package / Case 18-SOIC (0.295", 7.50mm Width) Supplier Device Package 18-SOIC | Core Processor | PIC |
| Connectivity Peripherals POR, WDT Number of I/O 12 Program Memory Size 3KB (2K x 12) Program Memory Type OTP EEPROM Size - RAM Size 73 x 8 Voltage - Supply (Vcc/Vdd) 2.5 V ~ 5.5 V Data Converters - Oscillator Type External Operating Temperature 0°C ~ 70°C (TA) Mounting Type Package / Case 18-SOIC (0.295", 7.50mm Width) Supplier Device Package | Core Size | 8-Bit |
| Peripherals Number of I/O 12 Program Memory Size 3KB (2K x 12) Program Memory Type OTP EEPROM Size - RAM Size 73 x 8 Voltage - Supply (Vcc/Vdd) 2.5 V ~ 5.5 V Data Converters - Oscillator Type External Operating Temperature 0°C ~ 70°C (TA) Mounting Type - Package / Case 18-SOIC (0.295", 7.50mm Width) Supplier Device Package | Speed | 4MHz |
| Number of I/O Program Memory Size 3KB (2K x 12) OTP EEPROM Size - RAM Size 73 x 8 Voltage - Supply (Vcc/Vdd) 2.5 V ~ 5.5 V Data Converters - Oscillator Type External Operating Temperature 0°C ~ 70°C (TA) Mounting Type - Package / Case 18-SOIC (0.295", 7.50mm Width) Supplier Device Package | Connectivity | - |
| Program Memory Size Program Memory Type OTP EEPROM Size - RAM Size 73 x 8 Voltage - Supply (Vcc/Vdd) 2.5 V ~ 5.5 V Data Converters - Oscillator Type External Operating Temperature 0°C ~ 70°C (TA) Mounting Type - Package / Case 18-SOIC (0.295", 7.50mm Width) Supplier Device Package | Peripherals | POR, WDT |
| Program Memory Type EEPROM Size - RAM Size 73 x 8 Voltage - Supply (Vcc/Vdd) 2.5 V ~ 5.5 V Data Converters - Oscillator Type External Operating Temperature 0°C ~ 70°C (TA) Mounting Type - Package / Case 18-SOIC (0.295", 7.50mm Width) Supplier Device Package | Number of I/O | 12 |
| EEPROM Size - 73 x 8 Voltage - Supply (Vcc/Vdd) 2.5 V ~ 5.5 V Data Converters - Coscillator Type External Operating Temperature 0°C ~ 70°C (TA) Mounting Type - Package / Case 18-SOIC (0.295", 7.50mm Width) Supplier Device Package 18-SOIC | Program Memory Size | 3KB (2K x 12) |
| RAM Size 73 x 8 Voltage - Supply (Vcc/Vdd) 2.5 V ~ 5.5 V Data Converters - Oscillator Type External Operating Temperature 0°C ~ 70°C (TA) Mounting Type - Package / Case 18-SOIC (0.295", 7.50mm Width) Supplier Device Package 18-SOIC | Program Memory Type | OTP |
| Voltage - Supply (Vcc/Vdd)2.5 V ~ 5.5 VData Converters-Oscillator TypeExternalOperating Temperature0°C ~ 70°C (TA)Mounting Type-Package / Case18-SOIC (0.295", 7.50mm Width)Supplier Device Package18-SOIC | EEPROM Size | - |
| Data Converters - Oscillator Type External Operating Temperature 0°C ~ 70°C (TA) Mounting Type - Package / Case 18-SOIC (0.295", 7.50mm Width) Supplier Device Package 18-SOIC | RAM Size | 73 x 8 |
| Oscillator Type External Operating Temperature 0°C ~ 70°C (TA) Mounting Type - Package / Case 18-SOIC (0.295", 7.50mm Width) Supplier Device Package 18-SOIC | Voltage - Supply (Vcc/Vdd) | 2.5 V ~ 5.5 V |
| Operating Temperature O°C ~ 70°C (TA) Mounting Type - Package / Case 18-SOIC (0.295", 7.50mm Width) Supplier Device Package 18-SOIC | Data Converters | - |
| Mounting Type - Package / Case 18-SOIC (0.295", 7.50mm Width) Supplier Device Package 18-SOIC | Oscillator Type | External |
| Package / Case 18-SOIC (0.295", 7.50mm Width) Supplier Device Package 18-SOIC | Operating Temperature | $0^{\circ}\text{C} \sim 70^{\circ}\text{C} \text{ (TA)}$ |
| Supplier Device Package 18-SOIC | Mounting Type | - |
| | Package / Case | 18-SOIC (0.295", 7.50mm Width) |
| Report errors? | Supplier Device Package | 18-SOIC |
| | | Report errors? |

PIC16LC58BT-04/SO 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

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PIC16LC58BT-04/SO Shipping Methods













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