



PIC16C71T-04I/SO Information



For Reference Only

Part Number PIC16C71T-04I/SO

Manufacturer Microchip Technology

Category Integrated Circuits (ICs)
Embedded - Microcontrollers

DescriptionIC MCU 8BIT 1.75KB OTP 18SOIC**Package**18-SOIC (0.295", 7.50mm Width)

For the pricing/inventory/lead time, please contact

us

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PIC16C71T-04I/SO Specifications

Manufacturer Part NumberPIC16C71T-04I/SOManufacturerMicrochip TechnologyCategoryIntegrated Circuits (ICs)Package18-SOIC (0.295", 7.50mm Width)SeriesPIC? 16CCore ProcessorPICCore Size8-BitSpeed4MHzConnectivity-PeripheralsPOR, WDTNumber of I/O13Program Memory Size1.75KB (1K x 14)Program Memory TypeOTPEEPROM Size-RAM Size36 x 8Voltage - Supply (Vcc/Vdd)4 V ~ 6 VData ConvertersA/D 4x8bOperating Temperature-40°C ~ 85°C (TA)Mounting Type-	*	
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 13 Program Memory Size 1.75KB (1K x 14) Program Memory Type OTP EEPROM Size - RAM Size 36 x 8 Voltage - Supply (Vcc/Vdd) 4 V ~ 6 V Data Converters A/D 4x8b Oscillator Type External Operating Temperature -40°C ~ 85°C (TA)	Manufacturer Part Number	PIC16C71T-04I/SO
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Core ProcessorPICCore Size 8 -BitSpeed $4MHz$ Connectivity-PeripheralsPOR, WDTNumber of I/O 13 Program Memory Size $1.75KB (1K x 14)$ Program Memory TypeOTPEEPROM Size-RAM Size $36 x 8$ Voltage - Supply (Vcc/Vdd) $4 V \sim 6 V$ Data Converters $A/D 4x8b$ Oscillator TypeExternalOperating Temperature $-40^{\circ}C \sim 85^{\circ}C (TA)$	Package	18-SOIC (0.295", 7.50mm Width)
Core Size8-BitSpeed $4MHz$ Connectivity-PeripheralsPOR, WDTNumber of I/O13Program Memory Size $1.75KB (1K \times 14)$ Program Memory TypeOTPEEPROM Size-RAM Size 36×8 Voltage - Supply (Vcc/Vdd) $4 \times 6 \times 6$ Data Converters $A/D \times 48b$ Oscillator TypeExternalOperating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C} (TA)$	Series	PIC? 16C
Speed $4MHz$ Connectivity-PeripheralsPOR, WDTNumber of I/O 13 Program Memory Size $1.75KB (1K x 14)$ Program Memory TypeOTPEEPROM Size-RAM Size $36 x 8$ Voltage - Supply (Vcc/Vdd) $4 V \sim 6 V$ Data Converters $A/D 4x8b$ Oscillator TypeExternalOperating Temperature $-40 ^{\circ}$ C $\sim 85 ^{\circ}$ C (TA)	Core Processor	PIC
Connectivity-PeripheralsPOR, WDTNumber of I/O13Program Memory Size 1.75 KB (1K x 14)Program Memory TypeOTPEEPROM Size-RAM Size 36 x 8Voltage - Supply (Vcc/Vdd) 4 V ~ 6 VData Converters A/D 4x8bOscillator TypeExternalOperating Temperature -40 °C ~ 85 °C (TA)	Core Size	8-Bit
Peripherals Number of I/O 13 Program Memory Size 1.75KB (1K x 14) Program Memory Type OTP EEPROM Size RAM Size 36 x 8 Voltage - Supply (Vcc/Vdd) Data Converters A/D 4x8b Oscillator Type External Operating Temperature	Speed	4MHz
Number of I/O13Program Memory Size $1.75 \text{KB} (1 \text{K x } 14)$ Program Memory TypeOTPEEPROM Size-RAM Size 36×8 Voltage - Supply (Vcc/Vdd) $4 \times 6 \times 6 \times 6$ Data ConvertersA/D $4 \times 8 \times 6$ Oscillator TypeExternalOperating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C} (TA)$	Connectivity	-
Program Memory Size 1.75 KB (1K x 14)Program Memory TypeOTPEEPROM Size-RAM Size 36 x 8Voltage - Supply (Vcc/Vdd) 4 V ~ 6 VData ConvertersA/D 4 x8bOscillator TypeExternalOperating Temperature -40 °C ~ 85 °C (TA)	Peripherals	POR, WDT
Program Memory TypeOTPEEPROM Size-RAM Size 36×8 Voltage - Supply (Vcc/Vdd) $4 \times 6 \times 6$ Data ConvertersA/D $4 \times 8 \times 6$ Oscillator TypeExternalOperating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ (TA)	Number of I/O	13
EEPROM Size - RAM Size 36×8 Voltage - Supply (Vcc/Vdd) $4 \vee 6 \vee 6$ Data Converters $A/D \times 4 \times 8b$ Oscillator Type External Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ (TA)	Program Memory Size	1.75KB (1K x 14)
RAM Size 36×8 Voltage - Supply (Vcc/Vdd) $4 \times 6 \times 6$ Data Converters $A/D \times 48b$ Oscillator Type $External$ Operating Temperature $-40^{\circ}C \sim 85^{\circ}C \text{ (TA)}$	Program Memory Type	OTP
Voltage - Supply (Vcc/Vdd) $4 \text{ V} \sim 6 \text{ V}$ Data ConvertersA/D $4x8b$ Oscillator TypeExternalOperating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ (TA)	EEPROM Size	-
Data ConvertersA/D $4x8b$ Oscillator TypeExternalOperating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ (TA)	RAM Size	36 x 8
Oscillator Type External $ -40^{\circ}\text{C} \sim 85^{\circ}\text{C (TA)} $	Voltage - Supply (Vcc/Vdd)	4 V ~ 6 V
Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C} \text{ (TA)}$	Data Converters	A/D 4x8b
	Oscillator Type	External
Mounting Type -	Operating Temperature	-40°C ~ 85°C (TA)
Flouriting Type	Mounting Type	-
Package / Case 18-SOIC (0.295", 7.50mm Width)	Package / Case	18-SOIC (0.295", 7.50mm Width)
Supplier Device Package 18-SOIC	Supplier Device Package	18-SOIC
Report errors?		Report errors?

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