



PIC16C54-RCI/SO Information



For Reference Only

Part Number PIC16C54-RCI/SO

Manufacturer Microchip Technology

Category Integrated Circuits (ICs)
Embedded - Microcontrollers

Description IC MCU 8BIT 768B OTP 18SOIC **Package** 18-SOIC (0.295", 7.50mm Width)

For the pricing/inventory/lead time, please contact

us

Website: https://www.heisener.com E-mail: salesdept@heisener.com



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PIC16C54-RCI/SO Specifications

Manufacturer Part Number PIC16C54-RCI/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 768B (512 x 12) Program Memory Type OTP EEPROM Size - RAM Size 25 x 8 Voltage - Supply (Vcc/Vdd) 3 V ~ 6.25 V Data Converters - Oscillator Type External Operating Temperature -40°C ~ 85°C (TA) Mounting Type - Package / Case 18-SOIC (0.295", 7.50mm Width)		
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Speed 4MHz Connectivity - Peripherals POR, WDT Number of I/O 12 Program Memory Size 768B (512 x 12) Program Memory Type OTP EEPROM Size - RAM Size 25 x 8 Voltage - Supply (Vcc/Vdd) 3 V ~ 6.25 V Data Converters - Oscillator Type External Operating Temperature -40°C ~ 85°C (TA) Mounting Type - Package / Case 18-SOIC (0.295", 7.50mm Width)	Core Processor	PIC
Connectivity Peripherals POR, WDT Number of I/O 12 Program Memory Size 768B (512 x 12) OTP EEPROM Size - RAM Size 25 x 8 Voltage - Supply (Vcc/Vdd) 3 V ~ 6.25 V Data Converters - Oscillator Type External Operating Temperature -40°C ~ 85°C (TA) Mounting Type POR, WDT 12 POR, WDT 12 Ackage / Case Ackage / Case POR, WDT Ackage / Case POR, WDT External OTP 12 Ackage / Case POR, WDT External Ackage / Case POR, WDT External Ackage / Case POR, WDT Ackage / Case Ackage / Case Ackage / Case POR, WDT Ackage / Case Ackage	Core Size	8-Bit
Peripherals Number of I/O 12 Program Memory Size 768B (512 x 12) OTP EEPROM Size Carbon Size RAM Size Voltage - Supply (Vcc/Vdd) Data Converters Oscillator Type External Operating Temperature Auo C ~ 85°C (TA) Mounting Type POR, WDT 12 12 12 12 14 15 16 16 17 18 18 18 19 19 10 10 10 10 10 10 10 10	Speed	4MHz
Number of I/O Program Memory Size 768B (512 x 12) Program Memory Type OTP EEPROM Size - RAM Size 25 x 8 Voltage - Supply (Vcc/Vdd) 3 V ~ 6.25 V Data Converters - Oscillator Type External Operating Temperature -40°C ~ 85°C (TA) Mounting Type Package / Case 18-SOIC (0.295", 7.50mm Width)	Connectivity	-
Program Memory Size 768B (512 x 12) Program Memory Type OTP EEPROM Size RAM Size 25 x 8 Voltage - Supply (Vcc/Vdd) 3 V ~ 6.25 V Data Converters Oscillator Type External Operating Temperature -40°C ~ 85°C (TA) Mounting Type Package / Case 18-SOIC (0.295", 7.50mm Width)	Peripherals	POR, WDT
Program Memory Type EEPROM Size - RAM Size 25 x 8 Voltage - Supply (Vcc/Vdd) 3 V ~ 6.25 V Data Converters - Oscillator Type External Operating Temperature -40°C ~ 85°C (TA) Mounting Type - Package / Case 18-SOIC (0.295", 7.50mm Width)	Number of I/O	12
EEPROM Size - RAM Size	Program Memory Size	768B (512 x 12)
RAM Size 25 x 8 Voltage - Supply (Vcc/Vdd) 3 V ~ 6.25 V Data Converters - Oscillator Type External Operating Temperature -40°C ~ 85°C (TA) Mounting Type - Package / Case 18-SOIC $(0.295", 7.50mm Width)$	Program Memory Type	OTP
Voltage - Supply (Vcc/Vdd) $3 \text{ V} \sim 6.25 \text{ V}$ Data Converters-Oscillator TypeExternalOperating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ (TA)Mounting Type-Package / Case 18-SOIC (0.295", 7.50mm Width)	EEPROM Size	-
Data Converters - Oscillator Type External Operating Temperature -40°C ~ 85°C (TA) Mounting Type - Package / Case 18-SOIC (0.295", 7.50mm Width)	RAM Size	25 x 8
Oscillator Type External Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ (TA) Mounting Type - Package / Case 18-SOIC (0.295", 7.50mm Width)	Voltage - Supply (Vcc/Vdd)	3 V ~ 6.25 V
Operating Temperature -40°C ~ 85°C (TA) Mounting Type - Package / Case -40°C ~ 85°C (TA) - 18-SOIC (0.295", 7.50mm Width)	Data Converters	-
Mounting Type - Package / Case 18-SOIC (0.295", 7.50mm Width)	Oscillator Type	External
Package / Case 18-SOIC (0.295", 7.50mm Width)	Operating Temperature	-40°C ~ 85°C (TA)
	Mounting Type	-
	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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Service Guarantees

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Our experienced sales team and tech support team back our services to satisfy all our customers.

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PIC16C54-RCI/SO Shipping Methods













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