



# PIC16LC924-04/PT Information



For Reference Only

Part NumberPIC16LC924-04/PTManufacturerMicrochip TechnologyCategoryIntegrated Circuits (ICs)<br/>Embedded - Microcontrollers

**Description** IC MCU 8BIT 7KB OTP 64TQFP

Package 64-TQFP

For the pricing/inventory/lead time, please contact

us

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



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# PIC16LC924-04/PT Specifications

Manufacturer Part Number         PIC16LC924-04/PT           Manufacturer         Microchip Technology           Category         Integrated Circuits (ICs)           Package         64-TQFP           Series         PIC? 16C           Core Processor         PIC           Core Size         8-Bit           Speed         4MHz           Connectivity         12C, SPI           Peripherals         LCD, POR, PWM, WDT           Number of I/O         25           Program Memory Size         7KB (4K x 14)           Program Memory Type         OTP           EEPROM Size         -           RAM Size         176 x 8           Voltage - Supply (Vcc/Vdd)         2.5 V ~ 6 V           Data Converters         A/D 5x8b           Oscillator Type         External           Operating Temperature         0°C ~ 70°C (TA)           Mounting Type         -           Package / Case         64-TQFP           Supplier Device Package         64-TQFP	*	
Category         Integrated Circuits (ICs)           Embedded - Microcontrollers           Package         64-TQFP           Series         PIC? 16C           Core Processor         PIC           Core Size         8-Bit           Speed         4MHz           Connectivity         12C, SPI           Peripherals         LCD, POR, PWM, WDT           Number of I/O         25           Program Memory Size         7KB (4K x 14)           Program Memory Type         OTP           EEPROM Size         -           RAM Size         176 x 8           Voltage - Supply (Vcc/Vdd)         2.5 V ~ 6 V           Data Converters         A/D 5x8b           Oscillator Type         External           Operating Temperature         0°C ~ 70°C (TA)           Mounting Type         -           Package / Case         64-TQFP           Supplier Device Package         64-TQFP (10x10)	Manufacturer Part Number	PIC16LC924-04/PT
Package         64-TQFP           Series         PIC? 16C           Core Processor         PIC           Core Size         8-Bit           Speed         4MHz           Connectivity         I2C, SPI           Peripherals         LCD, POR, PWM, WDT           Number of I/O         25           Program Memory Size         7KB (4K x 14)           Program Memory Type         OTP           EEPROM Size         -           RAM Size         176 x 8           Voltage - Supply (Vcc/Vdd)         2.5 V ~ 6 V           Data Converters         A/D 5x8b           Oscillator Type         External           Operating Temperature         0°C ~ 70°C (TA)           Mounting Type         -           Package / Case         64-TQFP           Supplier Device Package         64-TQFP	Manufacturer	Microchip Technology
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Core Processor         PIC           Core Size         8-Bit           Speed         4MHz           Connectivity         12C, SPI           Peripherals         LCD, POR, PWM, WDT           Number of I/O         25           Program Memory Size         7KB (4K x 14)           Program Memory Type         OTP           EEPROM Size         -           RAM Size         176 x 8           Voltage - Supply (Vcc/Vdd)         2.5 V ~ 6 V           Data Converters         A/D 5x8b           Oscillator Type         External           Operating Temperature         0°C ~ 70°C (TA)           Mounting Type         -           Package / Case         64-TQFP           Supplier Device Package         64-TQFP (10x10)	Package	64-TQFP
Core Size         8-Bit           Speed         4MHz           Connectivity         12C, SPI           Peripherals         LCD, POR, PWM, WDT           Number of I/O         25           Program Memory Size         7KB (4K x 14)           Program Memory Type         OTP           EEPROM Size         -           RAM Size         176 x 8           Voltage - Supply (Vcc/Vdd)         2.5 V ~ 6 V           Data Converters         A/D 5x8b           Oscillator Type         External           Operating Temperature         0°C ~ 70°C (TA)           Mounting Type         -           Package / Case         64-TQFP           Supplier Device Package         64-TQFP (10x10)	Series	PIC? 16C
Speed4MHzConnectivity12C, SPIPeripheralsLCD, POR, PWM, WDTNumber of I/O25Program Memory Size7KB (4K x 14)Program Memory TypeOTPEEPROM Size-RAM Size176 x 8Voltage - Supply (Vcc/Vdd)2.5 V ~ 6 VData ConvertersA/D 5x8bOscillator TypeExternalOperating Temperature0°C ~ 70°C (TA)Mounting Type-Package / Case64-TQFPSupplier Device Package64-TQFP (10x10)	Core Processor	PIC
Connectivity Peripherals LCD, POR, PWM, WDT Number of I/O 25 Program Memory Size 7KB (4K x 14) Program Memory Type OTP EEPROM Size - RAM Size 176 x 8 Voltage - Supply (Vcc/Vdd) 2.5 V ~ 6 V Data Converters A/D 5x8b Oscillator Type External Operating Temperature Operating Temperature Mounting Type Package / Case Supplier Device Package  64-TQFP 125 125 127 128 129 120 120 120 120 120 120 120 120 120 120	Core Size	8-Bit
Peripherals  LCD, POR, PWM, WDT  Number of I/O  25  Program Memory Size  7KB (4K x 14)  Program Memory Type  OTP  EEPROM Size  - RAM Size  176 x 8  Voltage - Supply (Vcc/Vdd)  2.5 V ~ 6 V  Data Converters  A/D 5x8b  Oscillator Type  External  Operating Temperature  0°C ~ 70°C (TA)  Mounting Type  - Package / Case  Supplier Device Package  64-TQFP (10x10)	Speed	4MHz
Number of I/O25Program Memory Size7KB (4K x 14)Program Memory TypeOTPEEPROM Size-RAM Size176 x 8Voltage - Supply (Vcc/Vdd)2.5 V ~ 6 VData ConvertersA/D 5x8bOscillator TypeExternalOperating Temperature0°C ~ 70°C (TA)Mounting Type-Package / Case64-TQFPSupplier Device Package64-TQFP (10x10)	Connectivity	I2C, SPI
Program Memory Size 7KB (4K x 14)  Program Memory Type OTP  EEPROM Size -  RAM Size 176 x 8  Voltage - Supply (Vcc/Vdd) 2.5 V ~ 6 V  Data Converters A/D 5x8b  Oscillator Type External  Operating Temperature 0°C ~ 70°C (TA)  Mounting Type -  Package / Case 64-TQFP  Supplier Device Package 64-TQFP (10x10)	Peripherals	LCD, POR, PWM, WDT
Program Memory Type  EEPROM Size - RAM Size 176 x 8  Voltage - Supply (Vcc/Vdd) 2.5 V ~ 6 V  Data Converters A/D 5x8b  Oscillator Type External Operating Temperature 0°C ~ 70°C (TA)  Mounting Type - Package / Case 64-TQFP Supplier Device Package 64-TQFP (10x10)	Number of I/O	25
EEPROM Size - 176 x 8  Voltage - Supply (Vcc/Vdd) 2.5 V ~ 6 V  Data Converters A/D 5x8b  Oscillator Type External  Operating Temperature 0°C ~ 70°C (TA)  Mounting Type - Package / Case 64-TQFP  Supplier Device Package 64-TQFP (10x10)	Program Memory Size	7KB (4K x 14)
RAM Size $176 \times 8$ Voltage - Supply (Vcc/Vdd) $2.5 \text{ V} \sim 6 \text{ V}$ Data Converters $A/D 5 \times 8b$ Oscillator Type $External$ Operating Temperature $0^{\circ}\text{C} \sim 70^{\circ}\text{C} \text{ (TA)}$ Mounting Type $-$ Package / Case $64-\text{TQFP}$ Supplier Device Package	Program Memory Type	OTP
Voltage - Supply (Vcc/Vdd)2.5 V ~ 6 VData ConvertersA/D 5x8bOscillator TypeExternalOperating Temperature0°C ~ 70°C (TA)Mounting Type-Package / Case64-TQFPSupplier Device Package64-TQFP (10x10)	EEPROM Size	-
Data ConvertersA/D 5x8bOscillator TypeExternalOperating Temperature0°C ~ 70°C (TA)Mounting Type-Package / Case64-TQFPSupplier Device Package64-TQFP (10x10)	RAM Size	176 x 8
Oscillator Type External Operating Temperature 0°C ~ 70°C (TA)  Mounting Type - Package / Case 64-TQFP Supplier Device Package 64-TQFP (10x10)	Voltage - Supply (Vcc/Vdd)	2.5 V ~ 6 V
Operating Temperature $0^{\circ}\text{C} \sim 70^{\circ}\text{C}$ (TA)Mounting Type-Package / Case $64\text{-TQFP}$ Supplier Device Package $64\text{-TQFP}$ ( $10x10$ )	Data Converters	A/D 5x8b
Mounting Type Package / Case 64-TQFP Supplier Device Package 64-TQFP (10x10)	Oscillator Type	External
Package / Case 64-TQFP Supplier Device Package 64-TQFP (10x10)	Operating Temperature	$0^{\circ}\text{C} \sim 70^{\circ}\text{C} \text{ (TA)}$
Supplier Device Package 64-TQFP (10x10)	Mounting Type	-
	Package / Case	64-TQFP
Report errors?	Supplier Device Package	64-TQFP (10x10)
		Report errors?

#### PIC16LC924-04/PT 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**

We guarantee 100% customer satisfaction.

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

### PIC16LC924-04/PT Payment Methods

































If you have any question about PIC16LC924-04/PT, please do not hesitate to contact us!

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