

PIC18F6520T-E/PT

PIC18F6520T-E/PT Information

water the new Control	 PIC18F6520T-E/PT Microchip Technology Integrated Circuits (ICs) Embedded - Microcontrollers IC MCU 8BIT 32KB FLASH 64TQFP 64-TQFP For the pricing/inventory/lead time, please contact	
For Reference Only	us Website: https://www.heisener.com E-mail: salesdept@heisener.com	Request a Quote

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PIC18F6520T-E/PT Specifications

Manufacturer Microchip Technology Kanufacturer Microchip Technology Category Integrated Circuits (ICs) Embedded - Microcontrollers Embedded - Microcontrollers Package 64-TQFP Series PIC 18F Core Processor PIC Core Size 8-Bit Speed 25MHz Connectivity ICC, SPI, UART/USART Preripherals Brown-out Detect/Reset, LVD, POR, PWM, WDT Program Memory Size 32KB (16K x 16) Program Memory Type FLASH EEPROM Size Xx 8 RAM Size XX 8 Voltage - Supply (Vcc/Vdd) 4.2 V ~ 5.5 V Data Converters A/D 12x10b Dictilator Type Internal Operating Temperature 40°C ~ 125°C (TA) Package / Case 64-TQFP			
CategoryIntegrated Circuits (ICs)Embedded - MicrocontrollersPackage64-TQFPSeriesPIC? 18FCore ProcessorPICCore Size8-BitSpeed25MHzConnectivityI2C, SPI, UART/USARTPeripheralsBrown-out Detect/Reset, LVD, POR, PWM, WDTNumber of I/O52Program Memory Size32KB (16K x 16)PERPOM SizeIK x 8RAM Size2K x 8Voltage - Supply (Vcc/Vdd)4.2 V ~ 5.5 VData ConvertersA/D 12x10bDorenting Temperature-40°C ~ 125°C (TA)Package / Case64-TQFPSupplier Device Package64-TQFP (10x10)	Manufacturer Part Number	PIC18F6520T-E/PT	
Embedded - Microcontrollers Package 64-TQFP Series PIC? 18F Core Processor PIC Soped 25MHz Connectivity 25MHz Peripherals Brown-out Detct/Reset, LVD, POR, PWM, WDT Program Memory Size 32KB (16K x 16) Program Memory Type FLASH EEPROM Size 1K x 8 RAM Size 2K x 8 Voltage - Supply (Vcc/Vdd) 4.2 V ~ 5.5 V Data Converters A/D 12x10b Derating Temperature -40°C ~ 125°C (TA) Package / Case 64-TQFP Supplier Device Package 64-TQFP	Manufacturer	Microchip Technology	
Package64-TQFPSeriesPIC? 18FCore ProcessorPICCore Size8-BitSpeed25MHzConcetivityI2C, SPI, UART/USARTPeripheralsBrown-out Detect/Reset, LVD, POR, PWM, WDTProgram Memory Size32KB (16K x 16)Program Memory TypeFLASHEEPROM SizeXX %Voltage - Supplicy (Vcc/Vdd)42 V ~ 5.5 VData ConvertersA/D 12x10bDerating Temperature-40°C ~ 125°C (TA)Program Cases64-TQFPSupplier Device Package64-TQFP (10x10)	Category	Integrated Circuits (ICs)	
SeriesPIC? 18FCore ProcessorPICCore Size8-BitSpeed25MHzConnectivity12C, SPI, UART/USARTPeripheralsBrown-out Detect/Reset, LVD, POR, PWM, WDTNumber of I/O52Program Memory Size32KB (16K x 16)Program Memory TypeFLASHEEPROM Size1K x 8Voltage - Supply (Vcc/Vdd)4.2 V ~ 5.5 VData ConvertersA/D 12x10bDoperating Temperature40°C ~ 125°C (TA)Program Memory Type-Package / Case64-TQFP (10x10)		Embedded - Microcontrollers	
Core ProcessorPICCore Size8-BitSpeed25MHzConnectivity12C, SPI, UART/USARTPeripheralsBrown-out Detect/Reset, LVD, POR, PWM, WDTNumber of I/O52Program Memory Size32KB (16K x 16)Program Memory TypeFLASHEEPROM Size1K x 8Voltage - Supply (Vcc/Vdd)4.2 V ~ 5.5 VData ConvertersAD 12x10bDoperating Temperature-40°C ~ 125°C (TA)Program Memory Type-Program Memory Type64-TQFP (10x10)	Package	64-TQFP	
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Connectivity I2C, SPI, UART/USART Peripherals Brown-out Detect/Reset, LVD, POR, PWM, WDT Number of I/O 52 Program Memory Size 32KB (16K x 16) Program Memory Type FLASH EEPROM Size 1K x 8 RAM Size 2K x 8 Voltage - Supply (Vcc/Vdd) 4.2 V ~ 5.5 V Data Converters A/D 12x10b Dyerating Temperature -40°C ~ 125°C (TA) Package / Case 64-TQFP Supplier Device Package 64-TQFP (10x10)	Core Size	8-Bit	
PeripheralsBrown-out Detect/Reset, LVD, POR, PWM, WDTNumber of I/O52Program Memory Size32KB (16K x 16)Program Memory TypeFLASHEEPROM Size1K x 8RAM Size2K x 8Voltage - Supply (Vcc/Vdd)4.2 V ~ 5.5 VData ConvertersA/D 12x10bDyerating Temperature-40°C ~ 125°C (TA)Program Generature64-TQFPSupplier Device Package64-TQFP (10x10)	Speed	25MHz	
Number of I/O 52 Program Memory Size 32KB (16K x 16) Program Memory Type FLASH EEPROM Size 1K x 8 RAM Size 2K x 8 Voltage - Supply (Vcc/Vdd) 4.2 V ~ 5.5 V Data Converters A/D 12x10b Dyerating Temperature -40°C ~ 125°C (TA) Operating Type - Package / Case 64-TQFP (10x10)	Connectivity	I2C, SPI, UART/USART	
Program Memory Size32KB (16K x 16)Program Memory TypeFLASHEEPROM Size1K x 8RAM Size2K x 8Voltage - Supply (Vcc/Vdd)4.2 V ~ 5.5 VData ConvertersA/D 12x10bDoscillator TypeInternalOperating Temperature-40°C ~ 125°C (TA)Mounting Type-Package / Case64-TQFP (10x10)	Peripherals	Brown-out Detect/Reset, LVD, POR, PWM, WDT	
Program Memory TypeFLASHEEPROM Size1K x 8RAM Size2K x 8Voltage - Supply (Vcc/Vdd)4.2 V ~ 5.5 VData ConvertersA/D 12x10bDoscillator TypeInternalOperating Temperature-40°C ~ 125°C (TA)Mounting Type-Package / Case64-TQFP (10x10)	Number of I/O	52	
EEPROM SizeIK x 8RAM Size2K x 8Voltage - Supply (Vcc/Vdd)4.2 V ~ 5.5 VData ConvertersA/D 12x10bData ConvertersInternalOperating Temperature-40°C ~ 125°C (TA)Package / Case64-TQFP (10x10)	Program Memory Size	32KB (16K x 16)	
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Data ConvertersA/D 12x10bOscillator TypeInternalOperating Temperature-40°C ~ 125°C (TA)Mounting Type-Package / Case64-TQFPSupplier Device Package64-TQFP (10x10)	RAM Size	2K x 8	
Dscillator TypeInternalOperating Temperature-40°C ~ 125°C (TA)Mounting Type-Package / Case64-TQFPSupplier Device Package64-TQFP (10x10)	Voltage - Supply (Vcc/Vdd)	4.2 V ~ 5.5 V	
Operating Temperature-40°C ~ 125°C (TA)Mounting Type-Package / Case64-TQFPSupplier Device Package64-TQFP (10x10)	Data Converters	A/D 12x10b	
Mounting Type-Package / Case64-TQFPSupplier Device Package64-TQFP (10x10)	Oscillator Type	Internal	
Package / Case64-TQFPSupplier Device Package64-TQFP (10x10)	Operating Temperature	-40°C ~ 125°C (TA)	
Supplier Device Package64-TQFP (10x10)	Mounting Type	-	
	Package / Case	64-TQFP	
Report errors?	Supplier Device Package	64-TQFP (10x10)	
		Report error	ors?

PIC18F6520T-E/PT Guarantees



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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.

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