

PIC18LF45K40T-I/PT

PIC18LF45K40T-I/PT Information

Cital Information	 PIC18LF45K40T-I/PT Microchip Technology Integrated Circuits (ICs) Embedded - Microcontrollers IC MCU 8BIT 32KB FLASH 44TQFP 44-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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PIC18LF45K40T-I/PT Specifications

AnufacturerMicrochip TechnologyCategoryIntegrated Circuits (ICs)Embedded - MicrocontrollersPackage44-TQFPCare ArcsPIC? XLP? 18KCore ProcessorPICCore Size8-BitConectivityCC, LIN, SPI, UART/USARTConnectivityStown-out Detect/Reset, LVD, POR, PWM, WDTPeripheralsStown-out Detect/Reset, LVD, POR, PWM, WDTProgram Memory SizeS2KB (16K x 16)Core SizeStown-out Detect/Reset, LVD, POR, PWM, WDTCore SizeStown-out Detect/Reset, LVD, POR, PWM, WDTProgram Memory SizeS2KB (16K x 16)Core SizeStown-out Detect/Reset, LVD, POR, PWM, WDTCore SizeSto		
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Embedded - Microcontrollers Package 44-TQFP Series PIC? XLP? 18K Core Processor PIC Core Size 8-Bit Speed 64MHz Connectivity I2C, LIN, SPI, UART/USART Peripherals Brown-out Detect/Reset, LVD, POR, PWM, WDT Vumber of I/O 35 Program Memory Size 32KB (16K x 16) Program Memory Type FLASH SEPROM Size 256 x 8 Voltage - Supply (Vcc/Vdd) 1.8 V ~ 3.6 V Data Converters A/D 35x10b, D/A 1x5b Descillator Type Internal Operating Temperature -40°C ~ 85°C (TA) Applier Device Package 44-TQFP	Manufacturer	Microchip Technology
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Core ProcessorPICCore Size8-BitSpeed64MHzConnectivity12C, LIN, SPI, UART/USARTConnectivityBrown-out Detect/Reset, LVD, POR, PWM, WDTPeripherals8rown-out Detect/Reset, LVD, POR, PWM, WDTNumber of I/O35Program Memory Size32KB (16K x 16)Program Memory TypeFLASHEEPROM Size256 x 8AdM Size2K x 8Voltage - Supply (Vcc/Vdd)1.8 V ~ 3.6 VData ConvertersA/D 35x10b, D/A 1x5bDoperating Temperature-40°C ~ 85°C (TA)Advanting Type44-TQFPSupplier Device Package44-TQFP (10x10)	Package	44-TQFP
Core Size8-BitGore Size64MHzConnectivity12C, LIN, SPI, UART/USARTConnectivityBrown-out Detect/Reset, LVD, POR, PWM, WDTPreipherals35Program Memory Size32KB (16K x 16)Program Memory TypeFLASHCondectives256 x 8Condectives256 x 8CondectivesA/D 35x10b, D/A 1x5bCondectives40°C ~ 85°C (TA)Operating Temperature-40°C ~ 85°C (TA)Charge Josef44-TQFP (10x10)	Series	PIC? XLP? 18K
Speed64MHzConnectivityI2C, LIN, SPI, UART/USARTPeripheralsBrown-out Detect/Reset, LVD, POR, PWM, WDTSumber of I/O35Program Memory Size32KB (16K x 16)Program Memory TypeFLASHEEPROM Size256 x 8ZAM Size2K x 8/oltage - Supply (Vcc/Vdd)1.8 V ~ 3.6 VData ConvertersA/D 35x10b, D/A 1x5bDerating Temperature-40°C ~ 85°C (TA)Adoutting Type-Package / Case44-TQFP (10x10)	Core Processor	PIC
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PeripheralsBrown-out Detect/Reset, LVD, POR, PWM, WDTNumber of I/O35Program Memory Size32KB (16K x 16)Program Memory TypeFLASHEEPROM Size256 x 8RAM Size2K x 8Voltage - Supply (Vcc/Vdd)1.8 V ~ 3.6 VData ConvertersA/D 35x10b, D/A 1x5bDerating Temperature-40°C ~ 85°C (TA)Aounting Type-Package / Case44-TQFP (10x10)	Speed	64MHz
Number of I/O 35 Program Memory Size 32KB (16K x 16) Program Memory Type FLASH BEPROM Size 256 x 8 AAM Size 2K x 8 Voltage - Supply (Vcc/Vdd) 1.8 V ~ 3.6 V Data Converters A/D 35x10b, D/A 1x5b Dscillator Type Internal Operating Temperature -40°C ~ 85°C (TA) Package / Case 44-TQFP Supplier Device Package 44-TQFP (10x10)	Connectivity	I2C, LIN, SPI, UART/USART
Program Memory Size32KB (16K x 16)Program Memory TypeFLASHEEPROM Size256 x 8RAM Size2K x 8Voltage - Supply (Vcc/Vdd)1.8 V ~ 3.6 VData ConvertersA/D 35x10b, D/A 1x5bDscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Package / Case44-TQFP (10x10)	Peripherals	Brown-out Detect/Reset, LVD, POR, PWM, WDT
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Deperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case44-TQFPSupplier Device Package44-TQFP (10x10)	Data Converters	A/D 35x10b, D/A 1x5b
Mounting Type-Package / Case44-TQFPSupplier Device Package44-TQFP (10x10)	Oscillator Type	Internal
Package / Case44-TQFPSupplier Device Package44-TQFP (10x10)	Operating Temperature	-40°C ~ 85°C (TA)
Supplier Device Package44-TQFP (10x10)	Mounting Type	-
	Package / Case	44-TQFP
Report errors?	Supplier Device Package	44-TQFP (10x10)
		Report errors?

PIC18LF45K40T-I/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.

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