

PIC18F6310-E/PT

a Quote

PIC18F6310-E/PT Information

	Part Number	PIC18F6310-E/PT	
	Manufacturer	Microchip Technology	
www.papelitenerseen	Category	Integrated Circuits (ICs) Embedded - Microcontrollers	
	Description	IC MCU 8BIT 8KB FLASH 64TQFP	6636
	Package	64-TQFP	- m23
		For the pricing/inventory/lead time, please contact us	
For Reference Only		Website: https://www.heisener.com E-mail: salesdept@heisener.com	Request

Certified Quality

Heisener's commitment to quality has shaped our processes for sourcing, testing, shipping, and every step in between. This foundation underlies each component we sell.



PIC18F6310-E/PT Specifications

ManufacturerMicrochip TechnologyCategoryIntegrated Circuits (ICs)Embedded - MicrocontrollersPackage64-TQFPSeriesPIC? 18FCore ProcessorPICCore Size8-BitSpeed25MHzConnectivity12C, SPI, UART/USARTPeripheralsBrown-out Detect/Reset, HLVD, POR, PWM, WDTProgram Memory Size8KB (4K x 16)Program Memory TypeFLASHEEPROM Size768 x 8Voltage - Supply (Vcc/Vdd)4.2 V ~ 5.5 VData ConvertersA/D 12x10bDerating Temperature-40°C ~ 125°C (TA)Advouting Type-Package / Case64-TQFP			
CategoryIntegrated Circuits (ICs)Embedded - MicrocontrollersPackage64-TQFPSeriesPIC? 18FCore ProcessorPICCore Size8-BitSeped25MHzConnectivityI2C, SPI, UART/USARTPeripheralsBrown-out Detect/Reset, HLVD, POR, PWM, WDTPeripheralsSKB (4K x 16)Program Memory Size8KB (4K x 16)PerpOM Size-RAM Size768 x 8Voltage - Supply (Vcc/Vdd)4.2 V ~ 5.5 VData ConvertersA/D 12x10bDerating Temperature-40°C ~ 125°C (TA)Package / Case64-TQFPSupplier Device Package64-TQFPSupplier Device Package64-TQFP	Manufacturer Part Number	PIC18F6310-E/PT	
Enhedded - MicrocontrollersPackage64-TQFPSeriesPIC? 18FCore ProcessorPICCore Size8-BitSpeed25MHzConnectivity12C, SPI, UART/USARTPeripheralsBrown-out Detect/Reset, HLVD, POR, PWM, WDTVumber of I/O54Program Memory Size8KB (4K x 16)Program Memory TypeFLASHEEPROM Size-AdM Size768 x 8Voltage - Supply (Vcc/Vdd)4.2 V ~ 5.5 VData ConvertersA/D 12x10bDerating Temperature+0°C ~ 125°C (TA)Advategi / Case64-TQFP (10x10)Supplier Device Package64-TQFP (10x10)	Manufacturer	Microchip Technology	
Package64-TQFPSeriesPIC? 18FCore ProcessorPICCore Size8-BitSpeed25MHzConnectivityI2C, SPI, UART/USARTPeripheralsBrown-out Detect/Reset, HLVD, POR, PWM, WDTVumber of I/O54Program Memory SizeKBK 4K x 16)Program Memory Type-EEPROM Size768 x 8Voltage - Supplicy (Vcc/Vdd)4.2 V ~ 5.5 VData ConvertersJAD 12x10bDerating Temperature4.0°C ~ 125°C (TA)Operating Temperatures64-TQFP (10x10)Supplier Device Package64-TQFP (10x10)	Category	Integrated Circuits (ICs)	
SeriesPICCore ProcessorPICCore Size8-BitSpeed25MHzConnectivityI2C, SPI, UART/USARTPeripheralsBrown-out Detect/Reset, HLVD, POR, PWM, WDTNumber of I/O54Porgram Memory Size8KB (4K x 16)Perogram Memory TypeFLASHEEPROM Size-AM Size768 x 8Voltage - Supply (Vcc/Vdd)4.2 V ~ 5.5 VData ConvertersA/D 12x10bDerating Temperature-Porgram Seg-Porgram Seg-Scillator Type64-TQFPGereating Temperature64-TQFPSupplier Device Package64-TQFP (10x10)		Embedded - Microcontrollers	
Core ProcessorPICCore Size8-BitCore Size5-MHzSpeed25MHzConnectivityICC, SPI, UART/USARTPeripheralsBrown-out Detect/Reset, HLVD, POR, PWM, WDTNumber of I/O54Program Memory Size8KB (4K x 16)Perogram Memory TypeFLASHEEPROM Size-AM Size768 x 8Voltage - Supply (Vcc/Vdd)4.2 V ~ 5.5 VData ConvertersA/D 12x10bDerating Temperature4.0°C ~ 125°C (TA)Program Grape6.4 TQFP (10x10)	Package	64-TQFP	
Core Size8-BitSpeed25MHzConnectivityI2C, SPI, UART/USARTPeripheralsBrown-out Detect/Reset, HLVD, POR, PWM, WDTNumber of I/O54Program Memory Size8KB (4K x 16)Program Memory TypeFLASHBEPROM Size-AM Size768 x 8Voltage - Supply (Vcc/Vdd)4.2 V ~ 5.5 VData ConvertersInternalDerating Temperature-40°C ~ 125°C (TA)Package / Case64-TQFP (10x10)	Series	PIC? 18F	
Speed25MHzConnectivity12C, SPI, UART/USARTPeripheralsBrown-out Detect/Reset, HLVD, POR, PWM, WDTNumber of I/O54Program Memory Size8KB (4K x 16)Program Memory TypeFLASHEEPROM Size-AM Size768 x 8Voltage - Supply (Vcc/Vdd)4.2 V ~ 5.5 VData ConvertersA/D 12x10bDerating Temperature-40°C ~ 125°C (TA)Operating Temperature64-TQFP (10x10)	Core Processor	PIC	
Connectivity I2C, SPI, UART/USART Peripherals Brown-out Detect/Reset, HLVD, POR, PWM, WDT Number of I/O 54 Program Memory Size 8KB (4K x 16) Program Memory Type FLASH EEPROM Size - AAM Size 768 x 8 Voltage - Supply (Vcc/Vdd) 4.2 V ~ 5.5 V Data Converters A/D 12x10b Derating Temperature -40°C ~ 125°C (TA) Operating Type - Package / Case 64-TQFP (10x10)	Core Size	8-Bit	
Peripherals Brown-out Detect/Reset, HLVD, POR, PWM, WDT Number of I/O 54 Program Memory Size 8KB (4K x 16) Program Memory Type FLASH Program Memory Type - RAM Size 768 x 8 Voltage - Supply (Vcc/Vdd) 4.2 V ~ 5.5 V Data Converters A/D 12x10b Derating Temperature -40°C ~ 125°C (TA) Mounting Type - Package / Case 64-TQFP (10x10)	Speed	25MHz	
Number of I/O 54 Program Memory Size 8KB (4K x 16) Program Memory Type FLASH Program Memory Type - RAM Size - Voltage - Supply (Vcc/Vdd) 4.2 V ~ 5.5 V Data Converters A/D 12x10b Dycating Temperature -40°C ~ 125°C (TA) Program Suppler Device Package 64-TQFP (10x10)	Connectivity	I2C, SPI, UART/USART	
Program Memory Size8KB (4K x 16)Program Memory TypeFLASHEEPROM Size-RAM Size768 x 8Voltage - Supply (Vcc/Vdd)4.2 V ~ 5.5 VData ConvertersA/D 12x10bDocillator TypeInternalOperating Temperature-40°C ~ 125°C (TA)Package / Case64-TQFP (10x10)	Peripherals	Brown-out Detect/Reset, HLVD, POR, PWM, WDT	
Program Memory TypeFLASHEEPROM Size-RAM Size768 x 8Voltage - Supply (Vcc/Vdd)4.2 V ~ 5.5 VData ConvertersA/D 12x10bDerating Temperature-Operating Temperature-40°C ~ 125°C (TA)Package / Case64-TQFPSupplier Device Package64-TQFP (10x10)	Number of I/O	54	
BEPROM Size-RAM Size768 x 8Voltage - Supply (Vcc/Vdd)4.2 V ~ 5.5 VData ConvertersA/D 12x10bDecillator TypeInternalOperating Temperature-40°C ~ 125°C (TA)Package / Case64-TQFPSupplier Device Package64-TQFP (10x10)	Program Memory Size	8KB (4K x 16)	
RAM Size768 x 8Voltage - Supply (Vcc/Vdd)4.2 V ~ 5.5 VData ConvertersA/D 12x10bDscillator TypeInternalOperating Temperature-40°C ~ 125°C (TA)Package / Case64-TQFPSupplier Device Package64-TQFP (10x10)	Program Memory Type	FLASH	
Voltage - Supply (Vcc/Vdd)4.2 V ~ 5.5 VData ConvertersA/D 12x10bDecillator TypeInternalOperating Temperature-40°C ~ 125°C (TA)Package / Case64-TQFPSupplier Device Package64-TQFP (10x10)	EEPROM Size	-	
Data ConvertersA/D 12x10bData ConvertersInternalDerating Temperature-40°C ~ 125°C (TA)Mounting Type-Package / Case64-TQFPSupplier Device Package64-TQFP (10x10)	RAM Size	768 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)	
		R	eport errors?

PIC18F6310-E/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.

PIC18F6310-E/PT Payment Methods



PIC18F6310-E/PT Shipping Methods



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