

PIC18F6680-E/PT

PIC18F6680-E/PT Information

when a with sener them	 PIC18F6680-E/PT Microchip Technology Integrated Circuits (ICs) Embedded - Microcontrollers IC MCU 8BIT 64KB FLASH 64TQFP 64-TQFP For the pricing/inventory/lead time, please contact	
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PIC18F6680-E/PT Specifications

Anufacturer Microchip Technology Integrated Circuits (ICs) Embedded - Microcontrollers Package 64-TQFP Beries PIC? 18F Core Processor PIC Score Processor 8-Bit Cone Civity CAN, 12C, SPI, UART/USART Connectivity CAN, 12C, SPI, UART/USART Veripherals Brown-out Detect/Reset, LVD, POR, PWM, WDT Vorgram Memory Size 64KB (32K x 16) Program Memory Type FLASH Voltage - Supply (Vcc/Vdd) 4.2 V ~ 5.5 V Voltage - Supply (Vcc/Vdd) 4.2 IV ~ 5.5 V Data Converters A/D 16x10b Scillator Type External Operating Temperature -40°C ~ 125°C (TA)		
CategoryIntegrated Circuits (ICs)Embedded - MicrocontrollersPackage64-TQFPBeriesPIC? 18FCore ProcessorPICCore Size8-BitOpeed40MHzConnectivityCAN, I2C, SPI, UART/USARTPeripheralsBrown-out Detect/Reset, LVD, POR, PWM, WDTProgram Memory Size64KB (32K x 16)Program Memory TypeIK x 8ZEPROM Size3.25K x 8Voltage - Supply (Vcc/Vdd)4.2 V ~ 5.5 VData ConvertersA/D 16x10bSocillator TypeExternalOperating Temperature40°C ~ 125°C (TA)	Manufacturer Part Number	PIC18F6680-E/PT
Enhedded - Microcontrollers Package 64-TQFP Beries PIC? 18F Core Processor PIC Core Size 8-Bit Speed 40MHz Connectivity CAN, 12C, SPI, UART/USART Program Memory Size 64KB (32K x 16) Program Memory Type FLASH PackAM Size 3.25K x 8 Voltage - Supply (Vcc/Vdd) 4.2 V ~ 5.5 V Data Converters A/D 16x10b Socialitor Type External Operating Temperature 40°C ~ 125°C (TA)	Manufacturer	Microchip Technology
Package64-TQFPBeriesPIC? 18FCore ProcessorPICCore Size8-BitSpeed40MHzConnectivityCAN, 12C, SPI, UART/USARTConnectivityForwn-out Detect/Reset, LVD, POR, PWM, WDTProgram Memory Size64KB (32K x 16)Program Memory TypeFLASHEEPROM Size3.25K x 8AdM Size3.25K x 8Voltage - Supply (Vcc/Vdd)4.2 V ~ 5.5 VData ConvertersA/D 16x10bDerating Temperature-40°C ~ 125°C (TA)	Category	Integrated Circuits (ICs)
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Core ProcessorPICCore Size8-BitOped40MHzConnectivityCAN, I2C, SPI, UART/USARTPeripheralsBrown-out Detect/Reset, LVD, POR, PWM, WDTPeripherals52Program Memory Size64KB (32K x 16)Program Memory TypeFLASHEEPROM Size3.25K x 8AdM Size3.25K x 8Voltage - Supply (Vcc/Vdd)4.2 V ~ 5.5 VData ConvertersA/D 16x10bSperating Temperature4.0°C ~ 125°C (TA)	Package	64-TQFP
Core Size 8-Bit Speed 40MHz Connectivity CAN, I2C, SPI, UART/USART Connectivity Brown-out Detect/Reset, LVD, POR, PWM, WDT Veripherals 52 Program Memory Size 64KB (32K x 16) Program Memory Type FLASH EEPROM Size 1K x 8 Voltage - Supply (Vcc/Vdd) 42 V ~ 5.5 V Outage Type A/D 16x10b Deciditor Type External Operating Temperature -40°C ~ 125°C (TA)	Series	PIC? 18F
Appendix40MHzConnectivityCAN, I2C, SPI, UART/USARTPeripheralsBrown-out Detect/Reset, LVD, POR, PWM, WDTNumber of I/O52Program Memory Size64KB (32K x 16)Program Memory TypeFLASHEPROM Size1K x 8AM Size3.25K x 8/otage - Supply (Vcc/Vdd)4.2 V ~ 5.5 VData ConvertersA/D 16x10bDerating Temperature40°C ~ 125°C (TA)	Core Processor	PIC
ConnectivityCAN, I2C, SPI, UART/USARTPeripheralsBrown-out Detect/Reset, LVD, POR, PWM, WDTSumber of I/O52Program Memory Size64KB (32K x 16)Program Memory TypeFLASHPROM Size1K x 8AM Size3.25K x 8Voltage - Supply (Vcc/Vdd)4.2 V ~ 5.5 VData ConvertersA/D 16x10bScillator TypeExternalOperating Temperature-40°C ~ 125°C (TA)	Core Size	8-Bit
PeripheralsBrown-out Detect/Reset, LVD, POR, PWM, WDTSumber of I/O52Program Memory Size64KB (32K x 16)Program Memory TypeFLASHEPROM Size1K x 8SAM Size3.25K x 8Voltage - Supply (Vcc/Vdd)4.2 V ~ 5.5 VData ConvertersA/D 16x10bDerating Temperature-40°C ~ 125°C (TA)	Speed	40MHz
Aumber of I/O 52 Program Memory Size 64KB (32K x 16) Program Memory Type FLASH EEPROM Size 1K x 8 RAM Size 3.25K x 8 Voltage - Supply (Vcc/Vdd) 4.2 V ~ 5.5 V Data Converters A/D 16x10b Decillator Type External Operating Temperature -40°C ~ 125°C (TA)	Connectivity	CAN, I2C, SPI, UART/USART
Program Memory Size64KB (32K x 16)Program Memory TypeFLASHPROM Size1K x 8RAM Size3.25K x 8Voltage - Supply (Vcc/Vdd)4.2 V ~ 5.5 VData ConvertersA/D 16x10bDerating Temperature-40°C ~ 125°C (TA)	Peripherals	Brown-out Detect/Reset, LVD, POR, PWM, WDT
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Data ConvertersA/D 16x10bDecillator TypeExternalOperating Temperature-40°C ~ 125°C (TA)	RAM Size	3.25K x 8
Descillator TypeExternalOperating Temperature-40°C ~ 125°C (TA)	Voltage - Supply (Vcc/Vdd)	4.2 V ~ 5.5 V
Deperating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$ (TA)	Data Converters	A/D 16x10b
	Oscillator Type	External
Aounting Type -	Operating Temperature	-40°C ~ 125°C (TA)
	Mounting Type	-
Package / Case 64-TQFP	Package / Case	64-TQFP
Supplier Device Package64-TQFP (10x10)	Supplier Device Package	64-TQFP (10x10)
Report errors?		Report errors?

PIC18F6680-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.

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