

PIC18F6680-I/PT



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Part Number: [PIC18F6680-I/PT](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC MCU 8BIT 64KB FLASH 64TQFP

Data sheet:  [PIC18Fx585, x680 Programming Specification](#)
 [PIC18Fx585, x680](#)
 [PIC18Fx585, x680 Revision A1 Errata](#)
 [PIC18F6585, 6680, 8585, 8680 Datasheet Errata](#)
 [Timer1 Errata](#)

RoHs Status: Lead free / RoHS Compliant

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PRODUCT PARAMETER			
Part Number	PIC18F6680-I/PT	Manufacturer	Micrel / Microchip Technology
Description	IC MCU 8BIT 64KB FLASH 64TQFP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	9685 pcs	Data sheet	PIC18Fx585, x680 Programming Specification PIC18Fx585, x680 PIC18Fx585, x680 Revision A1 Errata PIC18F6585, 6680, 8585, 8680 Datasheet Errata Timer1 Errata
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	4.2 V ~ 5.5 V
Supplier Device Package	64-TQFP (10x10)	Speed	40MHz
Series	PIC® 18F	RAM Size	3.25K x 8
Program Memory Type	FLASH	Program Memory Size	64KB (32K x 16)
Peripherals	Brown-out Detect/Reset, LVD, POR, PWM, WDT	Packaging	Tray
Package / Case	64-TQFP	Other Names	PIC18F6680IPT
Oscillator Type	External	Operating Temperature	-40°C ~ 85°C (TA)
Number of I/O	52	Moisture Sensitivity Level (MSL)	3 (168 Hours)
Manufacturer Standard Lead Time	25 Weeks	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
EEPROM Size	1K x 8	Detailed Description	PIC PIC® 18F Microcontroller IC 8-Bit 40MHz 64KB (32K x 16) FLASH 64-TQFP (10x10)
Data Converters	A/D 16x10b	Core Size	8-Bit
Core Processor	PIC	Connectivity	CANbus, I²C, SPI, UART/USART
Base Part Number	PIC18F6680		
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	Part#: PIC18F6627T-I/PT Description: IC MCU 8BIT 96KB FLASH 64TQFP	Manufacturers: Micrel / Microchip Technology	RFQ
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	Part#: PIC18F6680-I/L Description: IC MCU 8BIT 64KB FLASH 68PLCC	Manufacturers: Micrel / Microchip Technology	RFQ

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