

PIC18F6585-E/PT



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Part Number: [PIC18F6585-E/PT](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC MCU 8BIT 48KB 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	PIC18F6585-E/PT	Manufacturer	Micrel / Microchip Technology
Description	IC MCU 8BIT 48KB FLASH 64TQFP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	10841 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	25MHz
Series	PIC® 18F	RAM Size	3.25K x 8
Program Memory Type	FLASH	Program Memory Size	48KB (24K x 16)
Peripherals	Brown-out Detect/Reset, LVD, POR, PWM, WDT	Packaging	Tray
Package / Case	64-TQFP	Oscillator Type	External
Operating Temperature	-40°C ~ 125°C (TA)	Number of I/O	52
Moisture Sensitivity Level (MSL)	3 (168 Hours)	Manufacturer Standard Lead Time	24 Weeks
Lead Free Status / RoHS Status	Lead free / RoHS Compliant	EEPROM Size	1K x 8
Detailed Description	PIC PIC® 18F Microcontroller IC 8-Bit 25MHz 48KB (24K x 16) FLASH 64-TQFP (10x10)	Data Converters	A/D 12x10b
Core Size	8-Bit	Core Processor	PIC
Connectivity	CANbus, I²C, SPI, UART/USART	Base Part Number	PIC18F6585
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	Part#: PIC18F6527T-I/PT Description: IC MCU 8BIT 48KB FLASH 64TQFP	Manufacturers: Micrel / Microchip Technology	RFQ
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