

PIC18F2680-I/SO



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Part Number: [PIC18F2680-I/SO](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC MCU 8BIT 64KB FLASH 28SOIC

Data sheet:  [PIC18Fx585, x680 Revision A1 Errata](#)
 [PIC18F\(2, 4\)zzz Programming Specification](#)
 [PIC18Fx585, x680 Data Sheet Errata](#)
 [PIC18Fx585, x680 Revision A3 Errata](#)
 [Timer1 Errata](#)
 [PIC18F2585,2680,4585,4680](#)
 [PIC18Fx585, x680 Rev B1 Errata](#)

RoHs Status: Lead free / RoHS Compliant

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PRODUCT PARAMETER			
Part Number	PIC18F2680-I/SO	Manufacturer	Micrel / Microchip Technology
Description	IC MCU 8BIT 64KB FLASH 28SOIC	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	17154 pcs	Data sheet	PIC18Fx585, x680 Revision A1 Errata PIC18F(2, 4)zzz Programming Specification PIC18Fx585, x680 Data Sheet Errata PIC18Fx585, x680 Revision A3 Errata Timer1 Errata PIC18F2585,2680,4585,4680 PIC18Fx585, x680 Rev B1 Errata
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	4.2 V ~ 5.5 V
Supplier Device Package	28-SOIC	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, HLVD, POR, PWM, WDT	Packaging	Tube
Package / Case	28-SOIC (0.295", 7.50mm Width)	Other Names	PIC18F2680ISO
Oscillator Type	Internal	Operating Temperature	-40°C ~ 85°C (TA)
Number of I/O	25	Moisture Sensitivity Level (MSL)	1 (Unlimited)
Manufacturer Standard Lead Time	5 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 28-SOIC
Data Converters	A/D 8x10b	Core Size	8-Bit
Core Processor	PIC	Connectivity	CANbus, I²C, SPI, UART/USART
Base Part Number	PIC18F2680		
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	Part#: PIC18F2620-E/SO Description: IC MCU 8BIT 64KB FLASH 28SOIC	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: PIC18F2685-E/SO Description: IC MCU 8BIT 96KB FLASH 28SOIC	Manufacturers: Micrel / Microchip Technology	RFQ
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