



PIC18F2585-H/SO

Manufacturer Part Number	PIC18F2585-H/SO
Manufacturer	Microchip Technology
Allelco Part Number	32D-PIC18F2585-H/SO
ECAD Model	Request Free CAD Models
Parts Description	IC MCU 8BIT 48KB FLASH 28SOIC
Package	28-SOIC (0.295", 7.50mm Width)
Data sheet	Cylindrical Battery Holders.pdf
RoHs Status	ROHS3 Compliant



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PIC18F2585-H/SO - Microchip Technology.New Original in Stock. Download Linear Technology PIC18F2585-H/SO datasheet/specifications on AllelcoElec.com.

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Specifications

PIC18F2585-H/SO Tech Specifications

PIC18F2585-H/SO - Microchip Technology technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Microchip Technology	Oscillator Type	Internal
Voltage - Supply (Vcc/Vdd)	4.2V ~ 5.5V	Operating Temperature	-40°C ~ 150°C (TA)
Supplier Device Package	28-SOIC	Number of I/O	25
Speed	25MHz	Mounting Type	Surface Mount
Series	PIC® 18F	EEPROM Size	1K x 8
RAM Size	3.25K x 8	Data Converters	A/D 8x10b
Program Memory Type	FLASH	Core Size	8-Bit
Program Memory Size	48KB (24K x 16)	Core Processor	PIC
Peripherals	Brown-out Detect/Reset, HLVD, POR, PWM, WDT	Connectivity	CANbus, I ² C, SPI, UART/USART
Package / Case	28-SOIC (0.295", 7.50mm Width)	Base Product Number	PIC18F2585
Package	Tube		

Parts with Similar Specifications

The three parts on the right have similar specifications to Microchip Technology PIC18F2585-H/SO

Product Attribute				
Part Number	PIC18F2585-H/SO	PIC18F25J10-I/ML	PIC18F2553-I/SO	PIC18F25K20-E/SS
Manufacturer	Microchip Technology	Microchip Technology	Microchip Technology	Microchip Technology
Operating Temperature	-40°C ~ 150°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 125°C (TA)
Package	Tube	Tube	Tube	Tube
Number of I/O	25	21	24	24
Program Memory Type	FLASH	FLASH	FLASH	FLASH
EEPROM Size	1K x 8	-	256 x 8	256 x 8
RAM Size	3.25K x 8	1K x 8	2K x 8	1.5K x 8
Oscillator Type	Internal	Internal	Internal	Internal
Series	PIC® 18F	PIC® 18J	PIC® 18F	PIC® XLP™ 18K
Program Memory Size	48KB (24K x 16)	32KB (16K x 16)	32KB (16K x 16)	32KB (16K x 16)
Package / Case	28-SOIC (0.295", 7.50mm Width)	28-VQFN Exposed Pad	28-SOIC (0.295", 7.50mm Width)	28-SSOP (0.209", 5.30mm Width)
Peripherals	Brown-out Detect/Reset, HLVD, POR, PWM, WDT	Brown-out Detect/Reset, POR, PWM, WDT	Brown-out Detect/Reset, HLVD, POR, PWM, WDT	Brown-out Detect/Reset, HLVD, POR, PWM, WDT
Supplier Device Package	28-SOIC	28-QFN (6x6)	28-SOIC	28-SSOP
Base Product Number	PIC18F2585	PIC18F25J10	PIC18F2553	PIC18F25
Core Processor	PIC	PIC	PIC	PIC
Connectivity	CANbus, I ² C, SPI, UART/USART	I ² C, SPI, UART/USART	I ² C, SPI, UART/USART, USB	I ² C, SPI, UART/USART
Speed	25MHz	40MHz	48MHz	48MHz
Core Size	8-Bit	8-Bit	8-Bit	8-Bit
Voltage - Supply (Vcc/Vdd)	4.2V ~ 5.5V	2.7V ~ 3.6V	4.2V ~ 5.5V	1.8V ~ 3.6V
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Data Converters	A/D 8x10b	A/D 10x10b	A/D 10x12b	A/D 11x10b

PIC18F2585-H/SO Datasheet PDF

Download PIC18F2585-H/SO pdf datasheets and Microchip Technology documentation for PIC18F2585-H/SO - Microchip Technology.

Datasheets

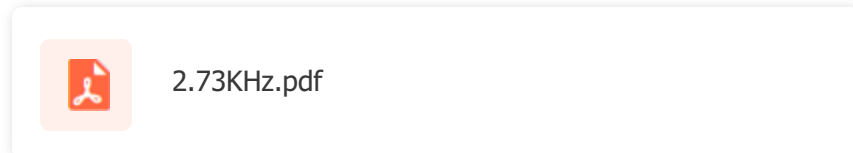
[Cylindrical Battery Holders.pdf](#)

PCN Packaging

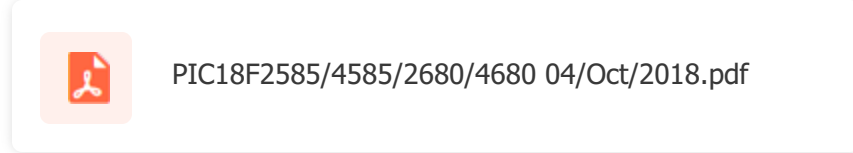
[Label and Packing Changes 23/Sep/2015.pdf](#)

[Packing Changes 10/Oct/2016.pdf](#)

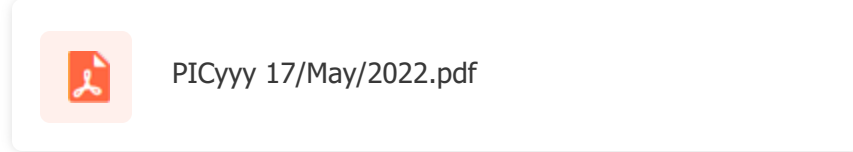
PCN Assembly/Origin



PCN Design/Specification



PCN Obsolescence/ EOL



Customers Also Interested in

Recommended Products

PIC18F25J10-I/ML Microchip Technology IC MCU 8BIT 32KB FLASH 28QFN	PIC18F2553-I/SO Microchip Technology IC MCU 8BIT 32KB FLASH 28SOIC	PIC18F25K20-E/SS Microchip Technology IC MCU 8BIT 32KB FLASH 28SSOP	PIC18F2585-E/SO Microchip Technology IC MCU 8BIT 48KB FLASH 28SOIC	PIC18F2580-I/ML Microchip Technology IC MCU 8BIT 32KB FLASH 28QFN	PIC18F25J50-I/SO Microchip Technology IC MCU 8BIT 32KB FLASH 28SOIC
PIC18F25J10-I/SS Microchip Technology IC MCU 8BIT 32KB FLASH 28SSOP	PIC18F25K20-E/SO Microchip Technology IC MCU 8BIT 32KB FLASH 28SOIC	PIC18F25J11-I/ML Microchip Technology IC MCU 8BIT 32KB FLASH 28QFN	PIC18F258-I/SP Microchip Technology IC MCU 8BIT 32KB FLASH 28SPDIP	PIC18F25J50-I/SS Microchip Technology IC MCU 8BIT 32KB FLASH 28SSOP	PIC18F2580-E/ML Microchip Technology IC MCU 8BIT 32KB FLASH 28QFN
PIC18F2580-I/SO Microchip Technology IC MCU 8BIT 32KB FLASH 28SOIC	PIC18F2550-I/SP Microchip Technology IC MCU 8BIT 32KB FLASH 28SPDIP	PIC18F25J50-I/ML Microchip Technology IC MCU 8BIT 32KB FLASH 28QFN	PIC18F2580-E/SO Microchip Technology IC MCU 8BIT 32KB FLASH 28SOIC	PIC18F25K20-E/ML Microchip Technology IC MCU 8BIT 32KB FLASH 28QFN	PIC18F2550-I/SO Microchip Technology IC MCU 8BIT 32KB FLASH 28SOIC

Shipment

Delivery Time

In-stock items can be shipped within 24 hours. Some parts will be arranged for delivery within 1-2 days from the date all items arrive at our warehouse. And Alleco ships order once a day at about 17:00, except Sunday. Once the goods are shipped, the estimated delivery time depends on the shipping methods and Delivery destination. The table below shows are the logistic time for some common countries.

Delivery Cost

- > Use your express account for shipment if you have one.
 - > Use our account for the shipment. Refer to the table below for the approximate charges.
- (Different time frame / countries / package size has different price.)

Delivery Method

- > Global Common Shipment by DHL / UPS / FedEx / TNT / EMS / SF we support.
- > Others more shipping ways, please get in touch with your customer manager.

Common Countries Logistic Time Reference		
Region	Country	Logistic Time(Day)
America	United States	5
	Brazil	7
Europe	Germany	5
	United Kingdom	4
	Italy	5
Oceania	Australia	6
	New Zealand	7
Asia	India	6
	Japan	7
Middle East	Israel	6

DHL & FedEx Shipment Charges Reference	
Shipment charges(KG)	Reference DHL(USD\$)
0.00kg-1.00kg	USD\$60.00
1.00kg-2.00kg	USD\$70.00
2.00kg-3.00kg	USD\$80.00

Note: The above table is for reference only. There may have some data bias for the uncontrollable factors. Contact us if you have any questions.

Payment Support

The payment method can be chosen from the methods shown below:
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



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