



MCP23S18T-E/SO

Manufacturer Part Number	MCP23S18T-E/SO
Manufacturer	Microchip Technology
Allelco Part Number	32D-MCP23S18T-E/SO
ECAD Model	PCB Symbol, Footprint & 3D Mode
Parts Description	IC XPNDR 10MHZ SPI 28SOIC
Package	28-SOIC (0.295', 7.50mm Width)
Data sheet	Cylindrical Battery Holders.pdf
RoHs Status	ROHS3 Compliant



Get a Quote

MCP23S18T-E/SO - Microchip Technology. New Original in Stock. Download Linear Technology MCP23S18T-E/SO datasheet/specifications on AllelcoElec.com.
Request a quote for MCP23S18T-E/SO, please send us email: info@allelco.com

Specifications

MCP23S18T-E/SO Tech Specifications

MCP23S18T-E/SO - Microchip Technology technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Microchip Technology	Number of I/O	16
Voltage - Supply	1.8V ~ 5.5V	Mounting Type	Surface Mount
Supplier Device Package	28-SOIC	Interrupt Output	Yes
Series	-	Interface	SPI
Package / Case	28-SOIC (0.295', 7.50mm Width)	Features	-
Package	Tape & Reel (TR)	Current - Output Source/Sink	25mA
Output Type	Open Drain	Clock Frequency	10 MHz
Operating Temperature	-40°C ~ 125°C	Base Product Number	MCP23S18

Parts with Similar Specifications

The three parts on the right have similar specifications to Microchip Technology MCP23S18T-E/SO

Product Attribute	NO PICTURE			
Part Number	MCP23S18T-E/SO	MCP23S17-E/SP	MCP23S17-E/SO	MCP23S17T-E/SO
Manufacturer	Microchip Technology	Microchip Technology	Microchip Technology	Microchip Technology
Features	-	POR	POR	POR
Interrupt Output	Yes	Yes	Yes	Yes
Supplier Device Package	28-SOIC	28-SPDIP	28-SOIC	28-SOIC
Output Type	Open Drain	Push-Pull	Push-Pull	Push-Pull
Voltage - Supply	1.8V ~ 5.5V	1.8V ~ 5.5V	1.8V ~ 5.5V	1.8V ~ 5.5V
Package	Tape & Reel (TR)	Tube	Tube	Tape & Reel (TR)
Mounting Type	Surface Mount	Through Hole	Surface Mount	Surface Mount
Number of I/O	16	16	16	16
Base Product Number	MCP23S18	MCP23S17	MCP23S17	MCP23S17
Current - Output Source/Sink	25mA	25mA	25mA	25mA
Clock Frequency	10 MHz	10 MHz	10 MHz	10 MHz
Series	-	-	-	-
Package / Case	28-SOIC (0.295', 7.50mm Width)	28-DIP (0.300', 7.62mm)	28-SOIC (0.295', 7.50mm Width)	28-SOIC (0.295', 7.50mm Width)
Operating Temperature	-40°C ~ 125°C	-40°C ~ 125°C	-40°C ~ 125°C	-40°C ~ 125°C
Interface	SPI	SPI	SPI	SPI

MCP23S18T-E/SO Datasheet PDF

Download MCP23S18T-E/SO pdf datasheets and Microchip Technology documentation for MCP23S18T-E/SO - Microchip Technology.

Datasheets

[Cylindrical Battery Holders.pdf](#)

PCN Packaging

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

[Reel Design Update 07/May/2015.pdf](#)

PCN Assembly/Origin

[2.73KHz.pdf](#)

Customers Also Interested in

Recommended Products



MCP23S17-E/SP
Microchip Technology
IC XPNDR 10MHZ SPI 28SDIP

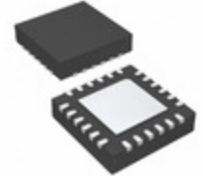
MCP2510-I/ST
Microchip Technology
IC CAN CONTROLLER W/SPI 20TSSOP

MCP23S17-E/SO
Microchip Technology
IC XPNDR 10MHZ SPI 28SOIC

MCP23S17T-E/SO
Microchip Technology
IC XPNDR 10MHZ SPI 28SOIC

MCP25025-I/SL
Microchip Technology
IC XPNDR 4MHZ CAN 14SOIC

MCP23S17T-E/SS
Microchip Technology
IC XPNDR 10MHZ SPI 28SSOP



MCP25020-I/SL
Microchip Technology
IC XPNDR 25MHZ CAN V2.0B 14SOIC

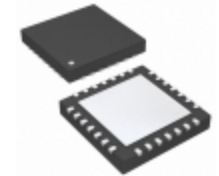
MCP23S18T-E/MJ
Microchip Technology
IC XPNDR 10MHZ SPI 24QFN

MCP23S18-E/SO
Microchip Technology
IC XPNDR 10MHZ SPI 28SOIC

MCP2510-I/P
Microchip Technology
IC CAN CONTRLER IND TEMP 18DIP

MCP23S18-E/SP
Microchip Technology
IC XPNDR 10MHZ SPI 28SDIP

MCP25050-I/SL
Microchip Technology
IC XPNDR 25MHZ CAN V2.0B 14SOIC



MCP2510-E/SO
Microchip Technology
IC CAN CTRLR EXTENDED TEMP 18SOIC

MCP23S17-E/SS
Microchip Technology
IC XPNDR 10MHZ SPI 28SSOP

MCP25050-E/SL
Microchip Technology
IC XPNDR 25MHZ CAN V2.0B 14SOIC

MCP23S17-I/SS
Micrel / Microchip Technology

MCP2510-I/SO
Microchip Technology
IC CAN CONTRLER IND TEMP 18SOIC

MCP23S17T-E/ML
Microchip Technology
IC XPNDR 10MHZ SPI 28QFN

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 Allelco 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.



Your Faithful Supply Chain Partner -



Efficient Supply Management



Cost-Saving Procurement



Fast Sourcing & Delivery

Contact us if you have any questions.



Phone

+00852 9146 4856



Email

info@allelco.com

Certifications & Memberships



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