

Image may be representation.
See specifications for product details.



CAP1298-1-SL

Manufacturer Part Number	CAP1298-1-SL
Manufacturer	Microchip Technology
Allelco Part Number	32D-CAP1298-1-SL
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	8-CHANNEL CAPACITIVE TOUCH SENSO
Package	14-SOIC (0.154", 3.90mm Width)
Data sheet	Cylindrical Battery Holders.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

CAP1298-1-SL - Microchip Technology.New Original in Stock. Download Linear Technology CAP1298-1-SL datasheet/specifications on AllelcoElec.com.
Request a quote for CAP1298-1-SL, please send us email: info@allelco.com

Specifications

CAP1298-1-SL Tech Specifications

CAP1298-1-SL - Microchip Technology technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Microchip Technology	Package	Tube
Voltage - Supply	3V ~ 5.5V	Operating Temperature	-40°C ~ 125°C
Type	Buttons	Number of Inputs	8
Supplier Device Package	14-SOIC	Mounting Type	Surface Mount
Series	-	LED Driver Channels	-
Resolution	8 b	Interface	I ² C, SMBus
Proximity Detection	Yes	Current - Supply	750µA
Package / Case	14-SOIC (0.154", 3.90mm Width)	Base Product Number	CAP1298

Parts with Similar Specifications

The three parts on the right have similar specifications to Microchip Technology CAP1298-1-SL

Product Attribute				
Part Number	CAP1298-1-SL	CAP1298-1-SL-TR	CAP1214-1-EZK-TR	CAP1296-1-AIA-TR
Manufacturer	Microchip Technology	Microchip Technology	Microchip Technology	Microchip Technology
Current - Supply	750µA	750µA	550µA	500µA
Package / Case	14-SOIC (0.154", 3.90mm Width)	14-SOIC (0.154", 3.90mm Width)	32-TFQFN Exposed Pad	10-VDFN Exposed Pad
Type	Buttons	Buttons	Buttons, Slider	Buttons
Series	-	-	-	-
Interface	I ² C, SMBus	I ² C, SMBus	SMBus	I ² C, SMBus
Number of Inputs	8	8	Up to 14	6
Supplier Device Package	14-SOIC	14-SOIC	32-QFN (4x4)	10-DFN (3x3)
Voltage - Supply	3V ~ 5.5V	3V ~ 5.5V	3V ~ 3.6V	3V ~ 5.5V
Operating Temperature	-40°C ~ 125°C	-40°C ~ 125°C	-40°C ~ 125°C	-40°C ~ 125°C
Base Product Number	CAP1298	CAP1298	CAP1214	CAP1296
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Package	Tube	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
LED Driver Channels	-	-	11	-
Resolution	8 b	8 b	-	-
Proximity Detection	Yes	Yes	Yes	Yes

CAP1298-1-SL Datasheet PDF

Download CAP1298-1-SL pdf datasheets and Microchip Technology documentation for CAP1298-1-SL - Microchip Technology.

Datasheets

Cylindrical Battery Holders.pdf

PCN Packaging



















2.73KHz.pdf

PCN Assembly/Origin

2.73KHz.pdf

Customers Also Interested in

Recommended Products

 CAP1298-1-SL-TR Microchip Technology IC TOUCH SENSOR CAP 8CH 14SOIC	 CAP470UF-50V LUMILEDS	 CAP1214-1-EZK-TR Microchip Technology IC TOUCH SENSOR/LED DRVR 32VQFN	 CAP9014-1 SMSC	 CAP9114-1-EZK-TR SMSC	 CAP3.0UF/1200V CAP
 CAP1296-1-AIA-TR Microchip Technology IC TOUCH SENSOR 6CH CAP 10VDFN 3	 CAP1296-1-SL-TR Microchip Technology IC TOUCH SENSOR CAP 6CH 14SOIC	 CAP1208-1-A4-TR Microchip Technology IC TOUCH SENSOR CAP 8CH 16QFN	 CAP1208-1-SL Microchip Technology 8-CHANNEL CAPACITIVE TOUCH SENSO	 CAP1296-1-SL Microchip Technology IC TOUCH SENSOR CAP 6CH 14SOIC	 CAP200DG-TL Power Integrations IC AUTOMATIC DISCHARGE 850
 CAP9014-1-EZK-TR SMSC	 CAP1298-1-A4-TR Microchip Technology IC TOUCH SENSOR 8CH 16QFN 3X3	 CAP1293-1-AC3-TR Microchip Technology IC TOUCH SENSOR CAP 3CH 8TDFN	 CAP220UF-50V LUMILEDS	 CAP300DG-TL Power Integrations CAPZERO-3	 CAP1206-1-AIA-TR Microchip Technology IC TOUCH SENSOR CAP 6CH 10DFN

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.



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 Cost-Saving Procurement
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Certifications & Memberships



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