

Image may be representation.
See specifications for product details.



CAP1296-1-SL

Manufacturer Part Number	CAP1296-1-SL
Manufacturer	Microchip Technology
Allelco Part Number	32D-CAP1296-1-SL
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	IC TOUCH SENSOR CAP 6CH 14SOIC
Package	14-SOIC (0.154", 3.90mm Width)
Data sheet	Cylindrical Battery Holders.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

CAP1296-1-SL - Microchip Technology.New Original in Stock. Download Linear Technology CAP1296-1-SL datasheet/specifications on AllelcoElec.com.
Request a quote for CAP1296-1-SL, please send us email: info@allelco.com

Specifications

CAP1296-1-SL Tech Specifications

CAP1296-1-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	6
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	CAP1296

Parts with Similar Specifications

The three parts on the right have similar specifications to Microchip Technology CAP1296-1-SL

Product Attribute				
Part Number	CAP1296-1-SL	CAP1293-1-AC3-TR	CAP1214-1-EZK-TR	CAP1298-1-SL
Manufacturer	Microchip Technology	Microchip Technology	Microchip Technology	Microchip Technology
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
LED Driver Channels	-	-	11	-
Series	-	-	-	-
Supplier Device Package	14-SOIC	8-TDFN (2x3)	32-QFN (4x4)	14-SOIC
Proximity Detection	Yes	Yes	Yes	Yes
Type	Buttons	Buttons	Buttons, Slider	Buttons
Interface	I ² C, SMBus	I ² C, SMBus	SMBus	I ² C, SMBus
Operating Temperature	-40°C ~ 125°C	-40°C ~ 125°C	-40°C ~ 125°C	-40°C ~ 125°C
Package / Case	14-SOIC (0.154", 3.90mm Width)	8-WDFDN Exposed Pad	32-TFQFN Exposed Pad	14-SOIC (0.154", 3.90mm Width)
Number of Inputs	6	3	Up to 14	8
Voltage - Supply	3V ~ 5.5V	3V ~ 5.5V	3V ~ 3.6V	3V ~ 5.5V
Current - Supply	750µA	500µA	550µA	750µA
Resolution	8 b	-	-	8 b
Package	Tube	Tape & Reel (TR)	Tape & Reel (TR)	Tube
Base Product Number	CAP1296	CAP1293	CAP1214	CAP1298

CAP1296-1-SL Datasheet PDF

Download CAP1296-1-SL pdf datasheets and Microchip Technology documentation for CAP1296-1-SL - Microchip Technology.

Datasheets

Cylindrical Battery Holders.pdf

PCN Packaging

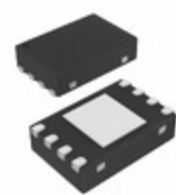
2.73KHz.pdf

PCN Assembly/Origin

2.73KHz.pdf

Customers Also Interested in

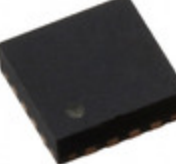
Recommended Products

**CAP200DG-TL**Power Integrations
IC AUTOMATIC DISCHARGE 8SO**CAP1293-1-AC3-TR**Microchip Technology
IC TOUCH SENSOR CAP 3CH 8TDFN**CAP1214-1-EZK-TR**Microchip Technology
IC TOUCH SENSOR/LED DRVR
32VQFN**CAP3.0UF/1200V**

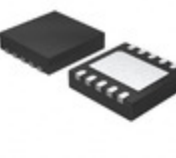
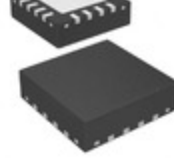
CAP

**CAP470UF-50V**

LUMILEDS

**CAP1298-1-SL**Microchip Technology
8-CHANNEL CAPACITIVE TOUCH
SENSO**CAP1208-1-SL**Microchip Technology
8-CHANNEL CAPACITIVE TOUCH
SENSO**CAP1208-1-A4-TR**Microchip Technology
IC TOUCH SENSOR CAP 8CH 16QFN**CAP220UF-50V**

LUMILEDS

**CAP1203-1-SN**Microchip Technology
3-CHANNEL CAPACITIVE TOUCH
SENSO**CAP1298-1-SL-TR**Microchip Technology
IC TOUCH SENSOR CAP 8CH 14SOIC**CAP1206-1-AIA-TR**Microchip Technology
IC TOUCH SENSOR CAP 6CH 10DFN**CAP1203-1-SN-TR**Microchip Technology
IC TOUCH SENSOR CAP 3CH 8SOIC**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**CAP1298-1-A4-TR**Microchip Technology
IC TOUCH SENSOR 8CH 16QFN 3X3**CAP1203-1-AC3-TR**Microchip Technology
IC TOUCH SENSOR CAP 3CH 8TDFN**CAP300DG-TL**Power Integrations
CAPZERO-3

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



[View More](#)