

Image may be representation.  
See specifications for product details.



## CM1422-03CP

Manufacturer Part Number	<b>CM1422-03CP</b>
Manufacturer	<b>onsemi</b>
Allelco Part Number	32D-CM1422-03CP
ECAD Model	Request Free CAD Models
Parts Description	<b>FILTER RC(PI) 100 OHM/15PF SMD</b>
Package	<b>20-WFBGA, WLCSP</b>
Data sheet	<b>CM1420,22.pdf</b> <b>CM1420,22.pdf</b>
RoHs Status	<b>ROHS3 Compliant</b>

**Get a Quote**

CM1422-03CP - onsemi.New Original in Stock. Download Linear Technology CM1422-03CP datasheet/specifications on AllelcoElec.com.  
Request a quote for CM1422-03CP, please send us email: [info@allelco.com](mailto:info@allelco.com)

## Specifications

CM1422-03CP Tech Specifications  
CM1422-03CP - onsemi technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	onsemi	Operating Temperature	-40°C ~ 85°C
Voltage - Rated	-	Number of Channels	8
Values	R = 100ohms, C = 15pF	Mounting Type	Surface Mount
Type	Low Pass	Height	0.026" (0.65mm)
Technology	RC (PI)	Filter Order	2nd
Size / Dimension	0.157" L x 0.057" W (4.00mm x 1.46mm)	ESD Protection	Yes
Series	-	Center / Cutoff Frequency	120MHz (Cutoff)
Resistance - Channel (Ohms)	100	Base Product Number	CM1422
Package / Case	20-WFBGA, WLCSP	Attenuation Value	30dB @ 1GHz ~ 3GHz
Package	Tape & Reel (TR)	Applications	Data Lines for Mobile Devices

## Parts with Similar Specifications

The three parts on the right have similar specifications to onsemi CM1422-03CP

Product Attribute				
Part Number	CM1422-03CP	CM1418-02CP	CM1425-03CP	CM1416-03CP
Manufacturer	onsemi	onsemi	onsemi	onsemi
Series	-	Praetorian™	-	-
Package / Case	20-WFBGA, WLCSP	6-WFBGA, WLCSP	9-UFBGA, WLCSP	5-WFBGA, WLCSP
Number of Channels	8	2	4	2
Operating Temperature	-40°C ~ 85°C	-40°C ~ 85°C	-40°C ~ 85°C	-40°C ~ 85°C
Size / Dimension	0.157" L x 0.057" W (4.00mm x 1.46mm)	0.067" L x 0.048" W (1.72mm x 1.22mm)	0.097" L x 0.038" W (2.47mm x 0.97mm)	0.054" L x 0.039" W (1.37mm x 1.00mm)
Attenuation Value	30dB @ 1GHz ~ 3GHz	35dB @ 1GHz	30dB @ 800MHz ~ 3GHz	30dB @ 1GHz
Resistance - Channel (Ohms)	100	0.28	100	2
Height	0.026" (0.65mm)	0.028" (0.70mm)	0.026" (0.65mm)	0.028" (0.70mm)
Center / Cutoff Frequency	120MHz (Cutoff)	22MHz (Cutoff)	86MHz (Cutoff)	21MHz (Cutoff)
ESD Protection	Yes	Yes	Yes	Yes
Voltage - Rated	-	-	-	-
Technology	RC (PI)	LC (PI)	RC (PI)	RC (PI)
Filter Order	2nd	3rd	2nd	2nd
Values	R = 100ohms, C = 15pF	L = 3nH, C = 117pF	R = 100ohms, C = 20pF	R = 20ohms, C = 117pF
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
Base Product Number	CM1422	CM1418	CM1425	CM1416
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Applications	Data Lines for Mobile Devices	Data Lines for Mobile Devices	Data Lines for Mobile Devices	Audio
Type	Low Pass	Low Pass	Low Pass	Low Pass

## CM1422-03CP Datasheet PDF

Download CM1422-03CP pdf datasheets and onsemi documentation for CM1422-03CP - onsemi.

### Datasheets

[CM1420,22.pdf](#)

### Environmental Information

[onsemi REACH.pdf](#)

[onsemi RoHS.pdf](#)



















[Material Declaration CM1422-03CP.pdf](#)

### HTML Datasheet

PCN Assembly/Origin

Customers Also Interested in

Recommended Products

					
<b>CM1418-02CP</b> onsemi FILTER LC(PI) 3NH/117PF ESD SMD	<b>CM1425-03CP</b> onsemi FILTER RC(PI) 100 OHM/20PF SMD	<b>CM1415-03CS</b> CMD	<b>CM1421-03CP</b> CMD	<b>CM1422-03CS</b> CMD	<b>CM1424-03CP</b> CMD
					
<b>CM1416-03CP</b> onsemi FILTER RC(PI) 2 OHM/117PF SMD	<b>CM1419-02CP</b> onsemi FILTER LC(PI) 3NH/117PF ESD SMD	<b>CM1414-03CS</b> CMD	<b>CM1423-01</b> CMD	<b>CM1423-03CP</b> onsemi FILTER RC(PI) 100 OHM/12PF SMD	<b>CM1420-03CP</b> onsemi FILTER RC(PI) 100 OHM/15PF SMD
					
<b>CM1424-01CP</b> CMD	<b>CM1423-01CP</b> CMD	<b>CM1420-03CP</b> California Micro Devices DATA LINE FILTER, 6 FUNCTION(S),	<b>CM1420-03CS</b> CMD	<b>CM1415-03CP</b> AMI Semiconductor/onsemi	<b>CM1423-03CP</b> California Micro Devices DATA LINE FILTER, 6 FUNCTION(S),

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
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Contact us if you have any questions.

 Phone +00852 9146 4856	 Email info@allelco.com
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Certifications & Memberships



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