

Image may be representation.
See specifications for product details.



EMIF04-EAR02M8

Manufacturer Part Number **EMIF04-EAR02M8**

Manufacturer **STMicroelectronics**

Allelco Part Number **32D-EMIF04-EAR02M8**

ECAD Model PCB Symbol, Footprint & 3D Model

Parts Description **FILTER LC(PI)/RC(PI) ESD SMD**

Package **8-UFDFN Exposed Pad**

Data sheet **Cylindrical Battery Holders.pdf**

RoHs Status **ROHS3 Compliant**

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EMIF04-EAR02M8 - STMicroelectronics.New Original in Stock. Download Linear Technology EMIF04-EAR02M8 datasheet/specifications on AllelcoElec.com.
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Specifications

EMIF04-EAR02M8 Tech Specifications

EMIF04-EAR02M8 - STMicroelectronics technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	STMicroelectronics	Number of Channels	4
Voltage - Rated	-	Mounting Type	Surface Mount
Values	R = 68Ohms, C = 76pF, 105pF, L = 1.5nH	Height	0.026' (0.65mm)
Type	Low Pass	Filter Order	2nd, 3rd
Technology	LC (Pi), RC (Pi)	ESD Protection	Yes
Size / Dimension	0.067' L x 0.059' W (1.70mm x 1.50mm)	Current	50 mA
Series	EMIF	Center / Cutoff Frequency	60MHz, 70MHz (Cutoff)
Resistance - Channel (Ohms)	-	Base Product Number	EMIF04
Package / Case	8-UFDFN Exposed Pad	Attenuation Value	-30dB @ 900MHz
Package	Tape & Reel (TR)	Applications	Audio
Operating Temperature	-30°C ~ 125°C		

Parts with Similar Specifications

The three parts on the right have similar specifications to STMicroelectronics EMIF04-EAR02M8

Product Attribute				
Part Number	EMIF04-EAR02M8	EMIF04-MMC02F2	EMIF04-1502M8	EMIF04-VID01F2
Manufacturer	STMicroelectronics	STMicroelectronics	STMicroelectronics	STMicroelectronics
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Size / Dimension	0.067' L x 0.059' W (1.70mm x 1.50mm)	0.080' L x 0.058' W (2.04mm x 1.47mm)	0.067" L x 0.059" W (1.70mm x 1.50mm)	0.076" L x 0.051" W (1.92mm x 1.29mm)
Technology	LC (Pi), RC (Pi)	RC (Pi)	RC (Pi)	RC (Pi)
Values	R = 68Ohms, C = 76pF, 105pF, L = 1.5nH	R = 47Ohms, 13kOhms, 56kOhms, C = 20pF	R = 170Ohms, C = 14pF	R = 100Ohms, C = 16pF
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
Series	EMIF	EMIF	IPAD™	EMIF
Attenuation Value	-30dB @ 900MHz	-	-	-40dB @ 900MHz
Filter Order	2nd, 3rd	2nd	2nd	2nd
Type	Low Pass	Low Pass	Low Pass	Low Pass
Applications	Audio	Data Lines for Mobile Devices	Data Lines for Mobile Devices	Data Lines for Mobile Devices
Center / Cutoff Frequency	60MHz, 70MHz (Cutoff)	-	-	-
ESD Protection	Yes	Yes	Yes	Yes
Number of Channels	4	4	4	4
Package / Case	8-UFDFN Exposed Pad	11-UFBGA, FCBGA	8-UFDFN Exposed Pad	10-WFBGA, FCBGA
Operating Temperature	-30°C ~ 125°C	-40°C ~ 85°C	-40°C ~ 85°C	-40°C ~ 85°C
Resistance - Channel (Ohms)	-	47, 13k, 56k	170	100
Current	50 mA	-	-	10 mA
Voltage - Rated	-	-	-	-
Base Product Number	EMIF04	EMIF04	EMIF04	EMIF04
Height	0.026' (0.65mm)	0.028' (0.70mm)	0.026" (0.65mm)	0.028" (0.70mm)

EMIF04-EAR02M8 Datasheet PDF

Download EMIF04-EAR02M8 pdf datasheets and STMicroelectronics documentation for EMIF04-EAR02M8 - STMicroelectronics.

HTML Datasheet



Cylindrical Battery Holders.pdf

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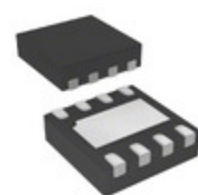
EMIF04-10006F1
STMicroelectronics



EMIF04-MMC02F1
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EMIF04-MMC02F2
STMicroelectronics
FILTER RC(PI) ESD SMD



EMIF04-1502M8
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FILTER RC(PI) 170 OHM/14PF SMD



EMIF04-VID01F2
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FILTER RC(PI) 100 OHM/16PF SMD



EMIF04-1502QCF
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FILTER RC(PI) ESD SMD



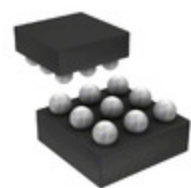
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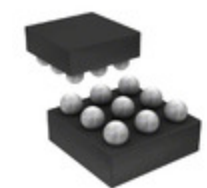
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FILTER RC(PI) ESD SMD



EMIF04-1K030F3
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FILTER RC(PI) 1KOHM/24PF ESD SMD



EMIF05-1K35FIU
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EMIF03-SIM06F3B7
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EMIF04-2005QCF
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FILTER RC(PI) 200 OHM/45PF SMD



EMIF05-1K005F2AU
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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

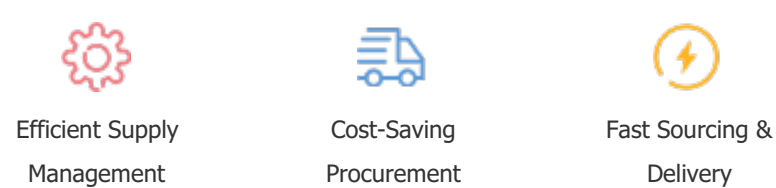
Note: The above table is for reference only. There may have some data bias for the uncontrollable factors.
Contact us if you have any questions.

Payment Support

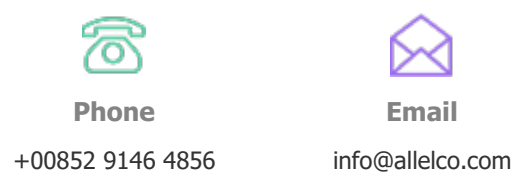
The payment method can be chosen from the methods shown below:
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



Your Faithful Supply Chain Partner -



Contact us if you have any questions.



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