

Image may be representation.
See specifications for product details.



HMC1097LP4ETR

| | |
|--------------------------|---|
| Manufacturer Part Number | HMC1097LP4ETR |
| Manufacturer | Analog Devices, Inc. |
| Allelco Part Number | 32D-HMC1097LP4ETR |
| ECAD Model | PCB Symbol, Footprint & 3D Model |
| Parts Description | RF MODULATOR 100MHZ-6GHZ 24VFQFN |
| Package | 24-VFQFN Exposed Pad |
| Data sheet | HMC1097LP4E.pdf |

Get a Quote

HMC1097LP4ETR - Analog Devices Inc..New Original in Stock. Download Linear Technology HMC1097LP4ETR datasheet/specifications on AllelcoElec.com.
Request a quote for HMC1097LP4ETR, please send us email: info@allelco.com

Specifications

HMC1097LP4ETR Tech Specifications
HMC1097LP4ETR - Analog Devices Inc. technical specifications, attributes, parameters

| Product Attribute | Attribute Value | Product Attribute | Attribute Value |
|-------------------------|----------------------|---------------------|-----------------|
| Manufacturer | Analog Devices, Inc. | P1dB | 11dBm |
| Voltage - Supply | 4.75V ~ 5.25V | Output Power | 2.75dBm |
| Test Frequency | 1.7GHz ~ 2.2GHz | Noise Floor | -160dBm/Hz |
| Supplier Device Package | 24-QFN (4x4) | Mounting Type | Surface Mount |
| Series | - | LO Frequency | 100MHz ~ 6GHz |
| RF Frequency | 100MHz ~ 6GHz | Function | Modulator |
| Package / Case | 24-VFQFN Exposed Pad | Current - Supply | 170 mA |
| Package | Tape & Reel (TR) | Base Product Number | HMC1097 |

Parts with Similar Specifications

The three parts on the right have similar specifications to Analog Devices Inc. HMC1097LP4ETR

| Product Attribute | | | | |
|-------------------------|----------------------|----------------------|----------------------------|----------------------|
| Part Number | HMC1097LP4ETR | HMC1097LP4E | HMC1093 | HMC1082LP4ETR |
| Manufacturer | Analog Devices Inc. | Analog Devices Inc. | ADI (Analog Devices, Inc.) | Analog Devices Inc. |
| Test Frequency | 1.7GHz ~ 2.2GHz | 1.7GHz ~ 2.2GHz | - | 18GHz |
| Package / Case | 24-VFQFN Exposed Pad | 24-VFQFN Exposed Pad | Die | 24-VFQFN Exposed Pad |
| Supplier Device Package | 24-QFN (4x4) | 24-QFN (4x4) | Die | 24-QFN (4x4) |
| Function | Modulator | Modulator | - | - |
| Noise Floor | -160dBm/Hz | -160dBm/Hz | - | - |
| P1dB | 11dBm | 11dBm | - | 24dBm ~ 25.5dBm |
| Series | - | - | - | - |
| LO Frequency | 100MHz ~ 6GHz | 100MHz ~ 6GHz | - | - |
| Base Product Number | HMC1097 | HMC1097 | - | HMC1082 |
| Mounting Type | Surface Mount | Surface Mount | - | Surface Mount |
| RF Frequency | 100MHz ~ 6GHz | 100MHz ~ 6GHz | - | - |
| Package | Tape & Reel (TR) | Strip | - | Tape & Reel (TR) |
| Output Power | 2.75dBm | 2.75dBm | - | - |
| Voltage - Supply | 4.75V ~ 5.25V | 4.75V ~ 5.25V | 3V | 5V |
| Current - Supply | 170 mA | 170 mA | 160mA | 220mA |

HMC1097LP4ETR Datasheet PDF

Download HMC1097LP4ETR pdf datasheets and Analog Devices Inc. documentation for HMC1097LP4ETR - Analog Devices Inc..

Datasheets

[HMC1097LP4E.pdf](#)

PCN Other

[ADG, HMC 18-May-2022.pdf](#)

PCN Assembly/Origin

[HMCx 06/Jun/2022.pdf](#)

PCN Obsolescence/ EOL

[Mult Dev EOL 22/Mar/2022.pdf](#)

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Recommended Products



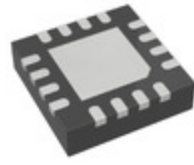
HMC1093

ADI (Analog Devices, Inc.)
IC MMIC IQ MIXER DIE



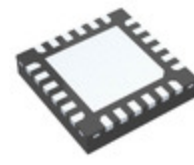
HMC1082LP4ETR

Analog Devices Inc.
IC AMP VSAT 5.5GHZ-18GHZ 24QFN



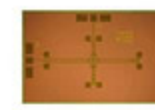
HMC1118LP3DE

Analog Devices Inc.
IC RF SWITCH SPDT 13GHZ 16LFCSP



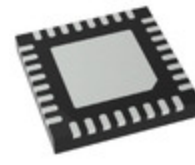
HMC1097LP4E

Analog Devices Inc.
RF MODULATOR 100MHZ-6GHZ
24VFQFN



HMC1105

Analog Devices Inc.
IC MMIC FREQ MULTIPLIER DIE



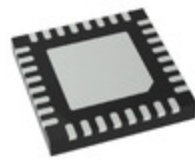
HMC1099PM5ETR

Analog Devices Inc.
IC AMP GPS 10MHZ-1.1GHZ 32LFCSP



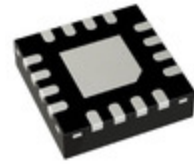
HMC1095LP4E

Analog Devices Inc.
RF ATTENUATOR 31.5DB 75OHM
24QFN



HMC1099PM5E

Analog Devices Inc.
IC AMP GPS 10MHZ-1.1GHZ 32LFCSP



HMC1096LP3E

Analog Devices Inc.
IC MMCI GAAS



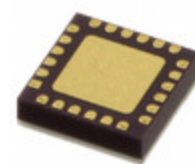
HMC1113LP5ETR

Analog Devices Inc.
IC MMIC I/Q DOWNCONVERTER
32SMD



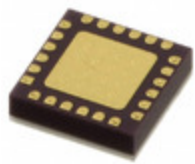
HMC1094LP3ETR

ADI (Analog Devices, Inc.)



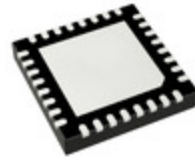
HMC1084LC4

Analog Devices Inc.
IC RF SWITCH SP4T 30GHZ 24SMT



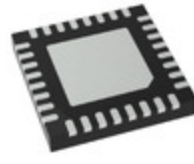
HMC1084LC4TR

Analog Devices Inc.
IC RF SWITCH SP4T 30GHZ 24SMT



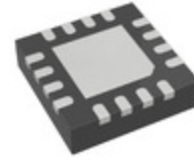
HMC1113LP5E

Analog Devices Inc.
IC MMIC 32SMD



HMC1114PM5ETR

Analog Devices Inc.
IC RF AMP 32LFCSP



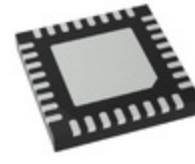
HMC1118LP3DETR

Analog Devices Inc.
IC RF SWITCH SPDT 13GHZ 16LFCSP



HMC1094LP3E

ADI (Analog Devices, Inc.)



HMC1114PM5E

Analog Devices Inc.
IC RF AMP 32LFCSP

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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