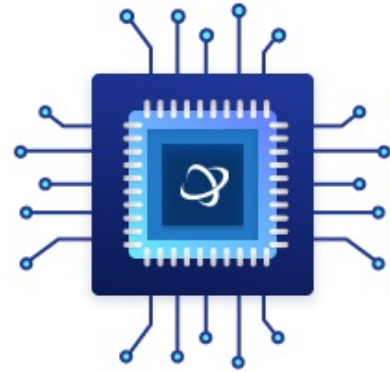


Successive Detection Log Video Amplifier 24-Pin CLLCC EP T/R

Manufacturers	Analog Devices, Inc
Package/Case	LC4B
Product Type	RF Amplifiers
RoHS	Pb-free Halide free
Lifecycle	



Images are for reference only

Please submit RFQ for HMC913LC4B or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

The HMC913LC4B is a Successive Detection Log Video Amplifier (SDLVA) which operates from 0.6 to 20 GHz. The HMC913LC4B provides a logging range of 59 dB. This device offers typical fast rise/fall times of 5/10 ns and a superior delay time of only 14 ns. The HMC913LC4B log video output slope is typically 14 mV/dB. Maximum recovery times are less than 30 ns. The HMC913LC4B is available in a highly compact 4x4 mm SMT ceramic package and is ideal for high speed channelized receiver applications.

Features

High Logging Range: 59 dB

Output Frequency Flatness: ± 2 dB

Log Linearity: ± 1 dB

Fast Rise/Fall Times: 5/10 ns

Single Positive Supply: +3.3V

ESD Sensitivity (HBM): Class 1A

24 Lead 4x4mm SMT Package: 16mm²

Application

EW, ELINT & IFM Receivers

DF Radar Systems

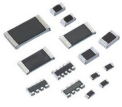
ECM Systems

Broadband Test & Measurement

Power Measurement & Control Circuits

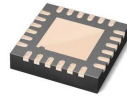
Military & Space Applications

Related Products



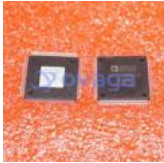
[HMC913](#)

Analog Devices, Inc
SMD



[HMC913LC4BTR](#)

Analog Devices, Inc
24-TFQFN



[ADV7630KSVZ](#)

Analog Devices, Inc
TQFP128



[ADV7511WBSWZ](#)

Analog Devices, Inc
LQFP-100



[ADV7511KSTZ-P](#)

Analog Devices, Inc
LQFP-100



[ADV7842KBCZ-5](#)

Analog Devices, Inc
CSPBGA-256



[ADV7180BSTZ](#)

Analog Devices, Inc
LQFP-64



[ADV7181BBSTZ](#)

Analog Devices, Inc
LQFP64