

Clock Fanout Buffer 4Out 16Pin SMT

Manufacturers	<a href="#">Analog Devices, Inc</a>
Package/Case	1 2 Fanout Buffer w
Product Type	Clock & Timer ICs
RoHS	Green
Lifecycle	



Images are for reference only

Please submit RFQ for HMC850LC3 or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

## General Description

The HMC850LC3 is a 1:2 Fanout Buffer designed to support data transmission rates up to 28 Gbps, and clock frequencies as high as 20 GHz. All differential inputs and outputs are DC coupled and terminated on chip with 50 Ohm resistors to the positive supply, ground. The outputs may be used in either singleended or differential modes, and should be AC or DC coupled into 50 Ohm resistors connected to ground.

The HMC850LC3 also features an output level control pin, VR which allows for loss compensation or for signal level optimization. The HMC850LC3 operates from a single -3.3V DC supply and is available in a ceramic RoHS compliant 3x3 mm SMT package.

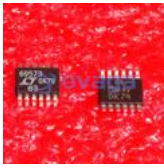
## Features

- Inputs Terminated Internally to 50 Ohms
- Differential Inputs are DC Coupled
- Propagation Delay: 75 ps
- Fast Rise and Fall Times: 16 / 15 ps
- Programmable Differential Output Voltage Swing: 600 - 1100 mV
- Power Dissipation: 315 mW
- 16 Lead Ceramic 3x3mm SMT Package: 9mm<sup>2</sup>

## Application

- RF ATE Applications
- Broadband Test & Measurement
- Serial Data Transmission up to 28 Gbps
- Clock Buffering up to 20 GHz

## Related Products



[LTC6957HMS-3#PBF](#)

Analog Devices, Inc  
MSOP-12



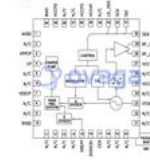
[HMC769LP6CE](#)

Analog Devices, Inc  
40-QFN



[HMC987LP5E](#)

Analog Devices, Inc  
32-VFQFN



[HMC838LP6CE](#)

Analog Devices, Inc  
QFN-40



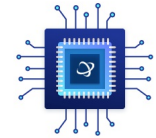
[HMC703LP4E](#)

Analog Devices, Inc  
QFN-24



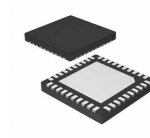
[HMC807LP6CETR](#)

Analog Devices, Inc  
QFN40



[HMC1031MS8E](#)

Analog Devices, Inc  
8-MS8E



[HMC835LP6GE](#)

Analog Devices, Inc  
QFN40