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CDCLVD1212 Evaluation Module

(ACTIVE) CDCLVD1212EVM

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Description

The CDCLVD1212/CDCLVD2106 are high-performance, low-additive jitter clock buffers. They have two universal input buffers that support single-ended or differential clock inputs and are selectable through a control pin (for CDCLVD1212 only). The devices also feature on-chip bias generators that can provide the LVDS common-mode voltage to the device inputs. The evaluation module (EVM) is designed to demonstrate the electrical performance of the CDCLVD1212 or CDCLVD2106. However, this EVM can also be used for customers interested in the CDCLVD1216 or CDCLVD2108 as well. This fully assembled and factory-tested evaluation board allows complete validation of device functionalities. For optimum performance, the board is equipped with SMA connectors and well-controlled 50-ohm impedance microstrip transmission lines.

Features

- Easy-to-use evaluation board to fan out low-phase noise clocks
- Easy device setup
- Fast configuration
- Control pins configurable through jumpers
- Board powered at 2.5 V
- Single-ended or differential input clocks
- Device supports twelve LVDS outputs, EVM supports four LVDS outputs

What's Included

- [SCAU045, Low Additive Jitter, Twelve LVDS Outputs Clock Buffer Evaluation Board](#)
- [SCAS901, 2:12 Low Additive Jitter LVDS Buffer \(Rev. B\)](#)

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Part Number	Buy from Texas Instruments or Third Party	Buy from Authorized Distributor	Status	Lead-Free	RoHS	REACH	WEEE	HI-V (>50VRMS/75 VDC)	CE	CE-EMC	CE-RTTE/LVD	FCC	Batteries	Enclosure	Ext Power Supply
CDCLVD1212EVM: CDCLVD1212 Evaluation Module	\$149.00(USD) In Stock Typically Ships in 1 to 3 Business Days Buy from TI	Pricing may vary. Buy from distributor	ACTIVE	Yes	Yes	Yes	NA	NA	NA	NA	NA	NA	No	No	No

Contact a Distributor

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Related Products

TI Devices (4)

Part Number	Name	Product Family
CDCLVD1212	Low Jitter, 2-Input Selectable 1:12 Universal-to-LVDS Buffer	Fanout Buffers
CDCLVD1216	Low Jitter, 2-Input Selectable 1:16 Universal-to-LVDS Buffer	Fanout Buffers

Part Number	Name	Product Family
CDCLVD2106	Low Jitter, Dual 1:6 Universal-to-LVDS Buffer	Fanout Buffers
CDCLVD2108	Low Jitter, Dual 1:8 Universal-to-LVDS Buffer	Fanout Buffers

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