Evaluation Boards & Development Tools

Part Number	Related ICs	Price	Place Order	Comments
LV04EVK01	DS92LV0421, DS92LV0422, DS92LV0411, DS92LV0412,		Buy Now	LV04EVK01 Evaluation Kit **This Product is Lead-Free** RoHS

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LV04EVK01 Evaluation Kit

Description:

The LV04EVK01 is an evaluation kit designed to demonstrate performance and capabilities of the DS92LV0421 and DS92LV0422 Channel Link II Serializer/Deserializer chipset.

The DS92LV0421 serializer board accepts LVDS input signals and provides a single serialized Channel Link II CML data pair as an output. The DS92LV0422 deserializer board accepts the CML serialized data stream and converts the data back into parallel LVDS signals. A USB cable is provided as a generic medium for the high speed data link. Jumpers and switches on the boards can be configured for evaluation of chipset features such as pre-emphasis, equalization, SSCG and backward compatibility. An I2C interface provides an alternative method to configure features of the serializer and deserializer.



Contents:

- One serializer board with the DS92LV0421
- One deserializer board with the DS92LV0422
- One 2-meter USB 2.0 Hi-SPEED cable assembly
- Evaluation kit documentation

What the user needs to provide

- A 24-bit data bus and clock source with LVDS outputs - for example a video generator
- A data error checker or display with LVDS inputs - for example an LCD panel and interface from the deserializer board to the panel itself, or test equipment
- Power supply for both boards

Additional SerDes Product Resources:

- SerDes Evaluation Boards
- SerDes Feature Site

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