

ADuM1100EVAL

EVALUATION BOARD INSTRUCTIONS

The ADuM1100 evaluation board has been carefully laid out and tested to demonstrate the specified high speed performance of the device. For parametric evaluation, the following setup is recommended. One of the ADuM1100 units is soldered in the provided location on the evaluation board. A pulse generator is connected to J3 VIN, which has a 50 Ω termination on board to GND₁. Two dc power supplies are connected to J1 V_{DD1} and J2 V_{DD2}. Scope probes are connected to J5 VIN and J6 VOUT to monitor the input and output digital signals. The FOO pin (J4) is at GND₂ potential for the ADuM1100.

ORDERING GUIDE

Model	Package Description	Temperature Range
ADuM1100EVAL	Evaluation Board	Industrial

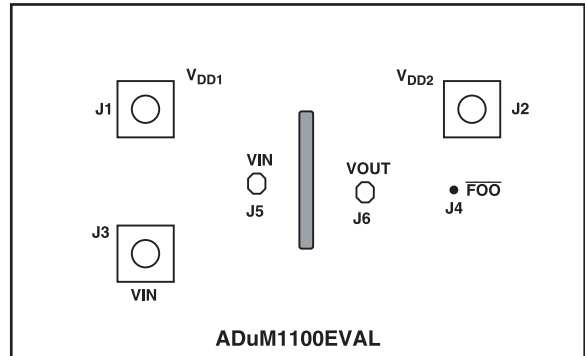


Figure 1. ADuM1100 Evaluation Board

C03330-0-7/03(B)

CAUTION

ESD (electrostatic discharge) sensitive device. Electrostatic charges as high as 4000V readily accumulate on the human body and test equipment and can discharge without detection. Although the ADuM1100EVAL features proprietary ESD protection circuitry, permanent damage may occur on devices subjected to high energy electrostatic discharges. Therefore, proper ESD precautions are recommended to avoid performance degradation or loss of functionality.



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