



STANDARD RS-485 FULL-DUPLEX (14-LEAD SOIC) EVALUATION BOARD, EVAL-RS485FDEBZ

Product Details



The EVAL-RS485FDEBZ allows quick and easy evaluation of full-duplex RS-485 transceivers with standard 14-lead SOIC footprints. The evaluation board allows interfacing via screw terminal block to digital I/O for driver input (DI), receiver output (RO), driver enable (DE) and receiver output (RO). Bus signals A, B, Y and Z (full-duplex bus) can be connected to a bus screw terminal block. Termination resistors are fitted across A and B, as well as Y and Z. These can be connected in half-duplex configuration (A to Y, B to Z), in order to evaluate the RS-485 driver. Footprints are provided for pull-up and pull-down (biasing resistors) on the receiver inputs in order to provide the option to evaluate an RS-485 receiver with this configuration.

Devices for evaluation on the board must be ordered separately

Model	Description
EVAL-RS485FDEBZ Status: Production	Evaluation Board
ADM1491EBRZ Status: Production	5V, Enhanced ESD, 16 Mbps, 32 nodes, -40C to +85C
ADM3070EARZ Status: Production	3.3V, Enhanced ESD, 250 kbps, 256 nodes, -40C to +85C
ADM3070EYRZ Status: Production	3.3V, Enhanced ESD, 250 kbps, 256 nodes, -40C to +125C
ADM3073EARZ Status: Production	3.3V, Enhanced ESD, 500 kbps, 256 nodes, -40C to +85C
ADM3073EYRZ Status: Production	3.3V, Enhanced ESD, 500 kbps, 256 nodes, -40C to +125C
ADM3076EARZ Status: Production	3.3V, Enhanced ESD, 16 Mbps, 256 nodes, -40C to +85C
ADM3076EYRZ Status: Production	3.3V, Enhanced ESD, 16 Mbps, 256 nodes, -40C to +125C
ADM3491AR Status: Production	3.3V, 10 Mbps, 32 nodes, -40C to +85C, Not ROHS Compliant
ADM3491ARZ Status: Production	3.3V, 10 Mbps, 32 nodes, -40C to +85C
ADM3491EARZ Status: Production	3.3V, Enhanced ESD, 12 Mbps, 32 nodes, -40C to +85C
ADM489ABRZ Status: Production	5V, 250 kbps, 32 nodes, -40 to +85C