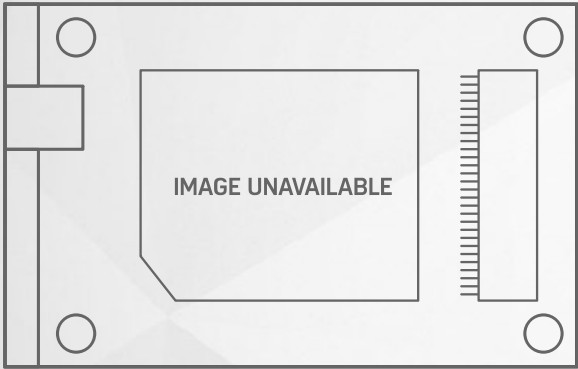myAnalog

EVAL-HMC7585 | HMC7585 Evaluation Board

IMAGE UNAVAILABLE

Overview

Product Details

The EV2HMC7585LG is a fully populated 4-layer evaluation board that allows evaluation of the 81 GHz to 86 GHz HMC7585LG E-band upconverter system-in-package (SiP).

The board assembly includes 4 edge mounted SMA connectors for the differential I and Q mixer inputs as well as a single edge mounted 2.9mm connector for the LO drive input signal. The evaluation board is mounted on an aluminum backplate which includes a standard WR-12 waveguide hole pattern for the E-band signal input.

The board is equipped with LDOs for DC bias and only +5/–5V are needed for powering up the LDOs. Power detector and envelope detector outputs also are also available on the header connectors.

Please refer to the data sheet for detailed biasing requirements and application circuit information.

Applicable Parts

- HMC7585

Buy

Model	Description	RoHS	
EV2HMC7585LG Production	Evaluation Board	-	Yes

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