24 – 34 GHz I/Q Mixer

5/13/2021 – San Jose, California: RFMW announces design and sales support for a Commercial Off The Shelf (COTS) mixer from Qorvo. The QPX0004D, 24 to 34 GHz I/Q Mixer can be configured as an image reject mixer, a single sideband upconverter, or a QPSK modulator/demodulator. Provided as DIE, the device utilizes two double balanced mixer cells and a 90° hybrid on the LO port. An external 90° hybrid on the IF port is required to complete the image rejection or sideband suppression. The QPX0004D is a much smaller alternative to higher cost hybrid I/Q mixers and single sideband upconverter assemblies. LO/RF isolation is > 30 dB with IF frequency range of DC to 7 GHz.

Samples are available for qualified requirements through RFMW at 1-877-FOR RFMW (367-7369) within North America; or please find your local sales engineer (worldwide) at the contact page on the RFMW web site.

About RFMW

RFMW is a specialty electronics distribution company focused exclusively on serving customers that require RF and microwave components and semiconductors, as well as component engineering support. The company continues to expand its list of products from selective suppliers with RF/microwave expertise. RFMW deploys a highly experienced, technically skilled team to assist customers with component selection and fulfillment.

To learn more about RFMW, visit their Website at www.rfmw.com, or call us at 1.877.FOR.RFMW (367-7369), or via e-mail at info@rfmw.com.

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