Positive Slope Gain Block

6/23/2021 – San Jose, California: RFMW announces design and sales support for a positive slope gain block from CML Microcircuits. The CMX9G301 is a low-power, 50 Ω cascadable MMIC gain block for 1.4 to 7.1 GHz applications. +1 dB of positive gain-slope across the band eliminates the need for equalization and compensates for increasing system losses with frequency. Highly integrated, the CMX90G301 minimizes component count and board area. RF ports are matched to 50 Ω with DC-blocking capacitors. An active bias circuit allows the device to operate over a wide supply voltage of 2.7 to 5V with typical current of 20 mA. GaAs pHEMT fabrication provides a combination of low DC power, low noise and high gain.

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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