

OMMIC launches Attenuator and Phase Shifters for C-Band.

European Microwave Week, Manchester, UK, 12th September 2006 - OMMIC announces the introduction of 2 new circuits in its family of products of Control Functions for Military, Civil and Telecommunication Applications.

The CGY2176AUH is a 6-bit Digital Attenuator with excellent performance from 4.5 – 6.5 GHz. Typical Insertion Loss is 5 dB at 5 GHz. Robust on-chip circuitry provides easy to use CMOS compatible interfacing with low power consumption.

The CGY2177AUH is a 6-bit Digital Phase Shifter with excellent performance from 4.5 – 6.5 GHz. Typical Insertion Loss is 5 dB at 5.5 GHz. Robust on-chip circuitry provides easy to use CMOS compatible interfacing with low power consumption.

Using OMMIC's unique 0.18 μm E/D Mode PHEMT technology allows the design of smart interfacing that is robust and low power consumption. This technology is used for higher volume commercial LNA production as well as Military and Space Payload applications.

These devices are part of OMMIC's chip set for active antennas in C-band and X-Band that include fully integrated core chip MMICs as well as separate phase shifters, attenuators and Amplifier MMICs.

Samples and demonstration boards are available.

About OMMIC

OMMIC, a part of the Philips Group of Companies, is a leading supplier of MMIC circuits, Foundry Service and Epitaxial Wafers based on III-V materials. As a leader in advanced technologies, OMMIC provides its customers with cutting edge performance in Telecommunication, Space and Defence. The design and manufacturing facilities of OMMIC are based near Paris, France and have obtained the International ISO9001:2000 and ISO14001:2004 Quality Awards.

Additional Information

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