



**Press Release**

***For Immediate Release***

Contact:  
pr@vubiqnetworks.com  
949.226.7185

## **Vubiq Networks Selects MaxLinear for Advanced 10 Gbps V-Band Millimeter Wave Radio Link**

**IRVINE, CA, February 24, 2017** – Vubiq Networks, Inc., the leading innovator in millimeter wave wireless broadband solutions, today announced that it has selected MaxLinear’s MxL85100 baseband system-on-a-chip (SoC) for the company’s HaulPass V10g™ radio link. MaxLinear Inc. is a leading provider of radio frequency and mixed-signal integrated circuits for the connected home and wired and wireless infrastructure markets.

The HaulPass V10g is an advanced 10 Gbps V-Band millimeter wave radio link that delivers high-speed, low-latency, full-duplex wireless data connectivity at distances up to 1.8 kilometers. The HaulPass V10g provides broadband Ethernet connectivity via a fully integrated Ethernet switch, as well as 10 Gbps direct fiber-to-radio connectivity for maximum throughput and minimum latency.

The MaxLinear MxL85100 is a baseband SoC for broadband wireless transmission systems. The SoC supports the highest bit rate in the millimeter wave point-to-point industry. It offers a flexible combination of high modulation rates, BPSK to 256QAM, and wide channel bandwidths from 20MHz to 2GHz, enabling throughputs up to 10Gbps link capacity.

“We selected the MxL85100 because of its high level of integration, market-leading performance and low power consumption,” said Vubiq CEO John Dilworth. “The MxL85100 meets the evolving demands of backhaul networks, supporting all outdoor unit and pure IP backhaul networks for 4G cellular networks.”

“MaxLinear’s millimeter product family has been very well received by customers due to its high level of integration, unmatched performance and low power consumption, while meeting strict transmission specifications,” said Brendan Walsh, Vice President of Product Line Marketing, Infrastructure Group. “We’re pleased to enable Vubiq Networks’ offering of V-Band wireless link transmission products.”

### **Technical Details**

The MxL85100 baseband SoC provides a complete signal processing chain from the various user data interfaces to analog baseband signals. Features include:

- 10Gbps link capacity
- Support for large channel spacing span (50MHz to 2GHz)
- Glueless connectivity to RF/IF analog circuitry via integrated analog front-end DACs and ADCs
- Supports large variety of services (XAUI/1Gbps SGMII /2.5GbE and GPI)
- Lowers RF cost

### **About MaxLinear, Inc.**

MaxLinear, Inc. (MXL), a leading provider of radio frequency (RF) and mixed-signal integrated circuits for the connected home and wired and wireless infrastructure markets. MaxLinear is headquartered in Carlsbad, California. For more information, please visit [www.maxlinear.com](http://www.maxlinear.com).

### **About Vubiq Networks, Inc.**

Vubiq Networks, Inc. is a privately held wireless networking technology company headquartered in Irvine, California. The company’s focus is on broadband V-Band and E-band millimeter wave wireless transmission products that enable multi-gigabit connectivity for wireless fiber optic extensions, wireless metropolitan area networks, and mobile backhaul applications. For further information, visit [www.vubiqnetworks.com](http://www.vubiqnetworks.com).

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