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ZHT Partners with MaxLinear for Next-Generation 5G Small Cell Solutions

- *Selects MxL1600 RF Transceivers to power its 5G RRU products*

CARLSBAD, Calif.--(BUSINESS WIRE)-- [MaxLinear, Inc.](https://www.maxlinear.com/) (NASDAQ: MXL), today announced that ZHT, a leading provider of wireless network solutions to mobile operators or enterprises worldwide, has selected the MxL1600 family of RF Transceivers for its new 5G radio remote unit (RRU) small cells.

This press release features multimedia. View the full release here:

<https://www.businesswire.com/news/home/20220224005455/en/>



ZHT's 5G RRU series is an exciting new product line of 4-port and 2-port small cells for public and private network deployments. With bandwidths up to 200MHz at RF frequencies from 2.6 to 6.0 GHz, ZHT 5G RRUs offer class-leading flexibility in an ultra-compact size and power footprint delivered through MaxLinear's MxL1600 RF transceiver

ZHT selects MaxLinear MxL1600 RF Transceivers to power its 5G remote radio unit small cells. (Graphic: Business Wire)

platform.

Powered by MaxLinear's innovative RF architecture and CMOS process capabilities, the MxL1600 transceiver family delivers advanced capability for small cell designs, including:

- the highest RF performance in its class by enabling radio bandwidths of up to 400MHz
- support of all RAN air interface standards from 2G to 5G including MC-GSM
- ultra-low power consumption that is up to 50% lower than competitive offerings

According to the most recent [Small Cell Forum's forecast](#), the global small cell market is growing with a CAGR of 13% such that the number of small cells deployed will increase from 3.95 million radio units in 2022 to 6.285 million radio units in 2026 based upon their

moderate forecast scenario.

“With the introduction of 5G globally, small cell vendors like ZHT are challenged to quickly deliver compelling new products that support radio bandwidths of up to 10x previous solutions while reducing power consumption and system costs,” said Brendan Walsh, Vice President of MaxLinear’s Wireless Infrastructure Group. “ZHT is one of the first small cell vendors to release a product that successfully delivers on all these challenges and more. We are honored to partner on their innovation.”

“The close collaboration between ZHT and MaxLinear has dramatically sped up our development of new 5G radios,” said Mr. Guoxin Peng, CEO and Founder at ZHT. “The programmability and performance of MaxLinear’s silicon solutions have enabled us to develop a single RF platform with the flexibility and cost effectiveness that supports our roadmap, while their technical teams provide us with the needed support that accelerates our time to market.”

MxL1600 device samples and evaluation boards are immediately available. For more information and technical specifications, visit www.maxlinear.com.

MaxLinear will be displaying ZHT’s 5G RRU and conducting briefings on MaxLinear’s radio solutions at Mobile World Congress – Hall 2, meeting rooms 2B13MR and 2B17MR – from February 28 through March 3, 2022. For an appointment, please contact MWC2022@maxlinear.com.

About ZHT

Shenzhen ZHT Communication & Technology Co. Ltd. (ZHT), a private company founded in 2006, is a leading provider of radio coverage solutions for mobile operators and enterprises to extend their wireless networks. ZHT’s strong product capabilities span from R&D through to production and customer sales and service, all underpinned by a deep commitment to delivering the highest levels of quality and reliability. ZHT is dedicated to technology innovation, with over 30 important patents granted in core wireless technologies including LTE, 5G NR, and DPD algorithms.

Already powering the networks of mobile operators and enterprises in China, ZHT’s 5G RRU small cells are now available for global deployment. For more information, please visit www.zhtcom.com.

About MaxLinear, Inc.

MaxLinear, Inc. (NASDAQ: MXL) is a leading provider of radio frequency (RF), analog, digital and mixed-signal integrated circuits for the connectivity and access, wired and wireless infrastructure, and industrial and multimarket applications. MaxLinear is headquartered in Carlsbad, California. For more information, please visit www.maxlinear.com.

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Cautionary Note About Forward-Looking Statements

This press release contains "forward-looking" statements within the meaning of federal securities laws. Forward-looking statements include, among others, statements concerning or implying future financial performance, anticipated product performance and functionality of our products or products incorporating our products, and industry trends and growth opportunities affecting MaxLinear, in particular statements relating to MaxLinear's MxL1600 RF transceivers, including but not limited to anticipated growth in the global small cell market, anticipated benefits from collaboration with ZHT, potential market opportunities, functionality, and the potential benefits of use of such products. These forward-looking statements involve known and unknown risks, uncertainties, and other factors that may cause actual results to differ materially from any future results expressed or implied by these forward-looking statements. We cannot predict whether or to what extent these new and existing products will affect our future revenues or financial performance. Forward-looking statements are based on management's current, preliminary expectations and are subject to various risks and uncertainties that could cause actual results to differ materially from those described in the forward-looking statements. Forward-looking statements may contain words such as "will be," "will," "expect," "anticipate," "continue," or similar expressions and include the assumptions that underlie such statements. The following factors, among others, could cause actual results to differ materially from those described in the forward-looking statements: intense competition in our industry and product markets; risks relating to the development, testing, and commercial introduction of new products and product functionalities; the ability of our customers to cancel or reduce orders; uncertainties concerning how end user markets for our products will develop; our lack of long-term supply contracts and dependence on limited sources of supply; potential decreases in average selling prices for our products; impacts from public health crises, such as the Covid-19 pandemic, or natural disasters; and the potential for intellectual property litigation, which is prevalent in our industry. In addition to these risks and uncertainties, investors should review the risks and uncertainties contained in MaxLinear's filings with the United States Securities and Exchange Commission, including risks and uncertainties arising from other factors affecting the business, operating results, and financial condition of MaxLinear, including those set forth in MaxLinear's most recent Annual Report on Form 10-K, Quarterly Reports on Form 10-Q, and Current Reports on Form 8-K, as applicable. All forward-looking statements are qualified in their entirety by this cautionary statement. MaxLinear is providing this information as of the date of this release and does not undertake any obligation to update any forward-looking statements contained in this release as a result of new information, future events, or otherwise.

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