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## MaxLinear and Geniatech Target Live TV on Mobile Devices

- *Geniatech selects the MxL692 single-channel ATSC receiver for new micro USB ATSC digital TV dongle (PT682) that delivers live digital TV on Android mobile devices*

CARLSBAD, Calif.--(BUSINESS WIRE)-- MaxLinear, Inc. (NYSE:MXL), a leading provider of radio frequency (RF), analog and mixed-signal integrated circuits for the connected home, wired and wireless infrastructure, and industrial and multimarket applications, today announced that Geniatech has selected its MxL692 ATSC receiver (tuner and demodulator) to bring live digital television to Android mobile devices.

The MxL692 is the industry's first single-channel integrated ATSC receiver IC. Geniatech uses the device in its new Pad TV Tuner (PT682) for Android mobile devices. The PT682 can receive high-quality over-the-air (OTA) ATSC and QAM digital TV signals. This feature enables users to enjoy free-to-view TV channels using the built-in telescoping antenna without using an internet connection.

Geniatech has also developed the free PadTV HD Android app for watching TV, switching channels, creating favorite channel lists and changing screen size. The app also provides an electronic program guide (EPG) and provides the ability to record TV programs.

"This new system embodies the fast-growing trends of cord cutting and mobile video everywhere and it gives consumers with just a mobile device the ability to add local TV to OTT services," said Will Torgerson, Vice President and General Manager of the Broadband Group at MaxLinear. "The MxL69x family, with its superior signal reception and high-level of integration in a compact package, is an ideal choice for Pad TV Tuner's compact and attractive design."

"Consumers are rediscovering OTA television and to get that on their mobile phone is a great value proposition. We will first target consumers in Mexico who don't have a television when they are on the go, which opens up a new world of news, sports and entertainment for these consumers," said Mr. Fang, CEO of Geniatech. "We have utilized the MxL692 from MaxLinear in the PT682 due to its compact size, high performance and low power draw – these three features are crucial to our new PAD TV tuner and app, which will be running on mobile devices. As a leader in this niche market, Geniatech surveyed all the chipsets in the market and found MxL69x to be the most suitable chipset for our ATSC Pad TV tuner.

### Technical Highlights

The MxL692 is a single-chip, single-channel ATSC receiver that leverages MaxLinear's "super radio" tuner technology and digital CMOS process technology for a low-power device that delivers superior over-the-air reception performance.

The MxL692 targets digital TV, single/multi-channel set-top boxes, USB/Wi-Fi adapters, and Wi-Fi/wired/RF smart antenna system applications. The IC supports both ATSC and global digital cable standards ITU-T J.83 Annexes (A, B, and C).

With its high-level of integration, the chip includes a broadband input filter, a channel filter, AGC, LO, PLL, and demodulators, simplifying board-level design. The device comes in a 5 x 5mm QFN package, enabling very compact system designs, reduced BOM costs and lower power consumption.

### **On Display at NAB 2018**

The Pad TV Tuner will be on display at NAB 2018, April 7-12, in the Geniatech booth South Hall (Upper), SU10217 meeting suite.

### **About Shenzhen Geniatech Inc.**

Shenzhen Geniatech Inc Ltd, a leading provider of digital TV cord cutter provider for the smart mobile devices, smart TV box, smart TV, hospitality TV tuner and multimarket applications. For more information, please visit [www.geniatech.com](http://www.geniatech.com).

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

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

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### **Cautionary Note About Forward-Looking Statements**

This press release contains forward-looking statements within the meaning of Section 27A of the Securities Act of 1933, as amended, and Section 21E of the Securities Exchange Act of 1934, as amended. Forward-looking statements include, among others, statements concerning the MxL692 single-channel ATSC receiver and statements concerning or implying the performance of MaxLinear's technologies, their potential use cases, and the potential impact of these technologies on our business and future operating results. These forward-looking statements involve known and unknown risks, uncertainties, and other factors that may cause actual results to be materially different from any future results expressed or implied by the forward-looking statements. Forward-looking statements are based on management's current, preliminary expectations. In particular, our future operating results are substantially dependent on our assumptions about market trends and conditions and our expectations with respect to recently completed acquisitions, including our ability to integrate our recently completed acquisition of Exar Corporation. Additional risks and uncertainties arising from our operations generally and our recently completed acquisitions include intense competition in our industry; our dependence on a limited number of customers for a substantial portion of our revenues; uncertainties concerning how end user markets for our products will develop; potential uncertainties arising from continued consolidation among cable television and satellite operators in our target markets and continued consolidation among competitors within the semiconductor industry generally; our ability to develop and introduce new and enhanced products on a timely basis and achieve market acceptance of those products, particularly as we seek to expand outside of our historic markets; potential decreases in average selling prices for our products; risks relating

to intellectual property protection and the prevalence of intellectual property litigation in our industry; indemnification obligations of Exar arising from a recent divestiture; the impact on our financial condition of acquisition indebtedness and cash usage arising from the Exar transaction; our reliance on a limited number of third party manufacturers; and our lack of long-term supply contracts and dependence on limited sources of supply. In addition to these risks and uncertainties, investors should review the risks and uncertainties contained in our filings with the Securities and Exchange Commission (SEC), including the information under the caption "Risk Factors" in our Annual Report on Form 10-K for the year ended December 31, 2017. All forward-looking statements are based on the estimates, projections and assumptions of management as of the date of this press release, and MaxLinear is under no obligation (and expressly disclaims any such obligation) to update or revise any forward-looking statements whether as a result of new information, future events, or otherwise.

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