

New Product Announcement

MaxLinear's G.hn Wave-2 Platform, Now at Mouser, Offers High-Speed Wired Connectivity on Legacy Mediums

January 21, 2019 – [Mouser Electronics](http://www.mouser.com), Inc., the authorized global distributor with the newest semiconductors and electronic components, is now stocking the G.hn Wave-2 networking chipset from [MaxLinear](http://www.maxlinear.com), featuring the [G.hn digital baseband](#) and [G.hn analog front ends](#). Offering physical data rates up to 2 Gbits per second (Gbps) across a variety of physical media, the Wave-2 networking G.hn processors deliver reliable connectivity and reduced congestion in [smart grid](#), [security](#), broadband, [industrial](#), smart home, and [automotive](#) applications.

MaxLinear's G.hn Wave-2 networking platform, available from Mouser Electronics, offers designers the flexibility to combine footprint-compatible components to address multiple G.hn applications. The [MaxLinear G.hn digital broadband](#) (DBB) processors provide high-speed networking solutions with 1 Gbps maximum throughput over power lines and 1.7 Gbps maximum throughput over coaxial cables and phone lines. The DBB processors feature a G.hn physical layer (PHY), G.hn datalink layer (DLL), and an embedded CPU for management and control functions. The [G.hn analog front ends](#) (AFEs) provide up to 2 Gbps physical data rates over any wired medium. Housed in a small 4 x 4 mm QFN package, the devices deliver programmable transmission and reception gains for each wired medium.

MaxLinear's platform includes a set of software development kits (SDKs) that enable designers to create custom solutions that meet requirements such as IPv4/IPv6 support, quality of service (QoS), and TR-069 management. Engineers can also use the SDKs to develop customized applications that run on a DBB processor's embedded CPU.

Mouser is also stocking three [G.hn Wave-2 Networking Evaluation Kits](#), for a power line, coaxial, or phone line medium. Each kit includes a DBB processor, AFE, and two evaluation boards that allow designers to evaluate the performance of G.hn networking technology.

To learn more about the MaxLinear G.hn DBB processors, visit www.mouser.com/exar-ghn-digital-baseband-processors. For more information on the G.hn AFEs, go to www.mouser.com/exar-ghn-analog-front-end-processors.

With its broad product line and unsurpassed customer service, Mouser strives to empower innovation among design engineers and buyers by delivering advanced technologies. Mouser stocks the world's widest selection of the latest semiconductors and electronic components for the newest design projects. Mouser Electronics' website is continually updated and offers advanced search methods to help customers quickly locate inventory. Mouser.com also houses data sheets, supplier-specific reference designs, application notes, technical design information, and engineering tools.

About Mouser Electronics

Mouser Electronics, a Berkshire Hathaway company, is an award-winning, authorized semiconductor and electronic component distributor focused on rapid New Product Introductions from its manufacturing partners for electronic design engineers and buyers. The global distributor's website, Mouser.com, is available in multiple languages and currencies and features more than 5 million products from over 750 manufacturers. Mouser offers 23 support locations around the world to provide best-in-class customer service and ships globally to over 600,000 customers in more than 220 countries/territories from its 750,000 sq. ft. state-of-the-art facility south of Dallas, Texas. For more information, visit www.mouser.com.

About MaxLinear

MaxLinear, founded in 2003, delivers high-performance broadband and networking semiconductors based on its highly integrated radio frequency analog technology, high-performance optical networking technology, and its pioneering MoCA (Multimedia over Coax) and Direct Broadcast Satellite ODU single-wire technology. MaxLinear technology is trusted by leading telephone, cable and satellite operators, set-top box manufacturers, networking equipment providers and consumer technology providers.

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