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For Immediate Release

Mouser Electronics and CML Microcircuits Announce Global Distribution Agreement

January 20, 2020 – [Mouser Electronics](http://www.mouser.com), Inc., the authorized global distributor with the newest semiconductors and electronic components, announces a global distribution agreement with [CML Microcircuits](http://www.cmlmicrocircuits.com), a world leader in the design, development and supply of low-power analog, digital and mixed-signal semiconductors for telecommunications systems.

As an authorized distributor, Mouser Electronics, Inc. is focused on the rapid introduction of new products and technologies, giving customers an edge and helping speed time to market. Over 800 semiconductor and electronic component manufacturers count on Mouser to help them introduce their products into the global marketplace. Mouser's customers can expect 100% certified, genuine products that are fully traceable from each manufacturer.

CML Microcircuits' [CMX901 and CMX902](#) devices are three-stage wideband, high-gain, and high-efficiency RF power amplifier ICs. The devices offer high power gain up to 40 dB and approximately 60 percent power added efficiency, and are ideal for VHF and low UHF radio applications, such as data modules, marine VHF communications, RF transmitters, and radio applications used in Industrial Internet of Things (IIOT) systems.

Mouser is also now stocking four series of CML [receiver](#) ICs, including the [CMX994](#) direct conversion receivers. The CMX994 receiver ICs include PowerTrade™, which provides the ability to dynamically select power consumption versus performance modes to optimize operating trade-offs. The CMX994A and CMX994E models feature extended operation of 50 MHz to 1218 MHz, while the CMX994G offers guaranteed down-converter performance to 30 MHz.

CML Microcircuits' [wireless packet data modems](#) address a wide range of communications and control applications, offering operation to custom, free format, and packet data systems. The [CMX7164](#) is a multi-mode wireless data modem that supports multiple modulation schemes and coding systems, all configurable under host control with no external codecs or DSP processing required. Adaptive Coded Modulation (ACM) features allow modulation type and block format to be changed on the fly to dynamically select data block size, coding rate and CRC size. The modem uses CML's *FirmASIC*® component technology, which provides maximum flexibility and a platform for custom modulation schemes.

The [SCT2400](#) is a highly integrated digital radio transceiver based on spread spectrum modulation operating in the 2.4 GHz ISM frequency range. The transceiver features a long range of over 12 km (line of sight) with up to 100 mW of output power, and can maintain clarity and security over long ranges in low-power radio systems. The device's low power consumption and security features make it ideal for portable, mobile, and wearable products such as fitness trackers, smart clothing, and wireless headsets.

To learn more, visit <https://www.mouser.com/manufacture/cml-microcircuits/>.

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 800 manufacturers. Mouser offers 27 support locations around the world to provide best-in-class customer service and ships globally to over 630,000 customers in 223 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 CML Microcircuits

As part of CML Microsystems Plc, CML Microcircuits is a world-leader in the design, development and supply of low-power analog, digital and mixed-signal semiconductors for telecommunications systems globally. The company's wide and varied portfolio means that CML devices are used in an extensive range of industrial and commercial products for licensed and unlicensed wireless voice and data systems. Focusing on narrowband communications, CML's ICs are found in digital/analog PMR/LMR, wireless data, satellite communications and marine radio applications, such as TETRA, DMR, dPMR, SCADA systems and AIS. The CML portfolio provides components supporting both RF and baseband functionality, encompassing both leading edge digital and legacy analog systems.

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– 30 –

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