

## Press Release

### **CML celebrates 50 successful years as a leading fabless semiconductor manufacturer and solutions provider in analogue and digital communications**

Maldon, Essex - 13 January 2019 - CML Microcircuits is pleased to announce that 2018 saw the completion of its 50<sup>th</sup> year supplying the electronics industry with high quality integrated circuits targeting communication applications. As a fabless semiconductor company, the first established in the UK, CML has experienced and influenced significant change in the industry and looks forward to being instrumental in the developments yet to come.

CML Microcircuits was a pioneer in exploiting what was then a very new concept of integrated circuitry to produce what today we would call a System on a Chip or Application Specific Standard Part (ASSP). Through close collaboration with one of the UK's semiconductor foundries, CML's founders were able to identify and respond to a need for a more efficient way of meeting the growing demand for voice and data communications. The company has since strengthened and widened its expertise, to include RF frontend and baseband technology addressing analogue, digital and mixed-signal solutions for voice and data radio.

"Throughout the early years of the company, we focused on our customers' demand for signalling and 2-way radio solutions, which included everything except the RF frontend. In 2007, the company made a strategic decision to invest in RF and, today, we are a leader in narrowband technology, delivering complete and optimised solutions for licensed radio," said Chris Gurry, Group Managing Director.

The emergence of Software Defined Radio (SDR) presented CML with the opportunity to apply its expertise to develop its flexible and proprietary platform, FirmASIC, which now forms the basis of many of its ASSPs and provides the company with a competitive advantage over other semiconductor vendors.

"Our business strategy means we are not dependent on one, single large market or customer; instead we address many applications where high performance narrowband technology is an enabler. This focus has allowed CML to build a high level of in-house expertise and, even though we remain fabless, all of our IP is developed by us, and every single one of our devices is tested on our premises by our own engineers, which is why we're able to deliver on our promise of high quality solutions," added Gurry.

The majority of CML's solutions are based on Silicon Germanium substrates but, in the future, CML intends to invest in exploiting the full potential of RF on silicon, which will open up new opportunities in existing and emerging markets around the world.

#### **About CML Microcircuits**

CML Microcircuits is a world-leader in the design, development and supply of low-power analogue, 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/analogue PMR/LMR, wireless data, satellite communications and marine radio applications, such as TETRA, DMR, dPMR, SCADA systems and Marine communications. The CML portfolio provides components supporting both RF and baseband functionality, encompassing both leading edge digital and legacy analogue systems.

In addition to our established range of devices, we are able to offer bespoke solutions to customers. This service includes design assistance, advice and first class technical support.

Our *FirmASIC*<sup>®</sup> approach enables us to produce the optimum solution to a given design requirement. The outcome is a product offering that embraces a number of key technologies and delivers the result cost-effectively with fast time to market, ultimate flexibility and low risk.

CML Microcircuits is a member of the CML Microsystems Plc. Group of companies.

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