



**C-MAC MicroTechnology and Castle Microwave boost  
European market supply of microwave and RF components  
and modules**

*C-MAC MicroTechnology and Castle Microwave announce a strategic partnership to supply RF and microwave product and sub-assemblies to the UK / European market.*

**Buckinghamshire (C-MAC MicroTechnology) and Berkshire (Castle Microwave), 8th October 2007** – C-MAC MicroTechnology, a world leader in high-reliability electronic systems, modules and components for the aerospace & defence, automotive, and specialised industrial and communications markets, today announced a partnership with Castle Microwave, a specialist component distributor and one of the UK's foremost suppliers of state-of-the-art microwave and optical devices.

The partnership will provide an outlet for C-MAC's own brand of competitively priced Ku Band PA and LNA modules, designed for use in the 12Ghz – 18GHz frequency range. These modules will be available ex-stock for UK & European customers through Castle Microwave. C-MAC's partnership with Castle Microwave will help solve customer design problems by supplying them with C-MAC's UK-manufactured portfolio of microwave product. Customers will benefit from both parties' previous experience in supplying RF and microwave

---

components and C-MAC's expertise in developing bespoke solutions for complex electronic engineering problems.

The enhanced access to European-produced components, modules and sub-assemblies which this partnership will enable is especially relevant for European customers suffering from procurement issues due to the International Traffic in Arms Regulations (ITAR). ITAR restricts the availability of U.S. manufactured product to non-U.S companies. C-MAC has a long history of working directly with U.S.-based companies and competing on an equal footing aided by it's MIL-PRF-38534 Class H and Class K (space) qualification. This Technical Partnership will assist customers to secure a reliable supply chain and obtain products which are no longer readily available to many European companies.

Paul Hill, General Manager, Aerospace and Defence Electronics, C-MAC MicroTechnology commented, "C-MAC has been looking for a partner to work with to expand its customer reach and move forward strategically. Castle Microwave was an obvious choice based on our similar backgrounds and shared business values. Castle Microwave has detailed market knowledge of high frequency sub assemblies, and RF and microwave bases and represents many high profile microwave component producers. Castle Microwave has an extensive European client list and we believe that our exciting new partnership will result in more options for both existing C-MAC and Castle customers in the future."

Bernard Gaskin, MD, Castle Microwave continued, "Changes to the International Traffic in Arms Regulations (ITAR) have made securing products from the U.S. increasingly difficult for our European customer base. We believe that alongside C-MAC, Castle Microwave will be able to address many of the procurement issues raised by ITAR and in some cases, provide bespoke solutions which address the customer's requirements better than the original U.S. component. C-MAC is a recognised leader in its field and we are very much looking forward to working with them."

**Notes for Editors:**

---

Headed by Indro Mukerjee, **C-MAC MicroTechnology** is the world leader in the design and manufacture of high reliability hybrid microelectronics solutions. We primarily focus on the automotive, aerospace and defence electronics sectors as well as specialist industrial and medical applications. Our head office is in Wooburn Green, UK, and we have design and manufacturing facilities in the UK and internationally with dedicated sales and customer support teams throughout Europe and the USA.

C-MAC MicroTechnology offers unrivalled expertise in the design and manufacture of advanced high reliability hybrid microelectronics systems. We specialise in advanced thermal management, high power and high frequency electronic solutions, which are often required to operate in severe environments or extremely confined spaces. Our production sites operate to very high levels of quality including certification to ISO TS 16949 and MIL-PRF-38534. Our process technologies include thick-film printing on ceramic and other substrates, surface-mount hybrid circuits, DC/DC power modules, direct-attach flipchip, low-temperature cofired ceramic (LTCC), chip-on-board (COB), multichip module (MCM) assemblies and PCB assembly. These manufacturing resources are complemented by an integrated design-to-test service encompassing ASIC design as well as analogue, digital, RF, mixed-mode and thermal simulation. Through our independently accredited test house facility, we can carry out product qualification and material evaluation to internationally recognised standards.

[www.cmac.com](http://www.cmac.com)

### **About Castle Microwave**

Founded in 1981 as a specialist component distributor, Castle Microwave is one of the UK's foremost suppliers of state-of-the-art microwave and optical devices.

Our qualified team at Castle offer a unique understanding of your needs, and can advise on all aspects of Design and Development, from initial concept to production.

Our range of expertise covers components and subsystems used in today's modern military, space, telecommunication and optical systems.

We offer a comprehensive range of Engineering Services, with an applications laboratory capable of microwave network and frequency analysis covering the range 10MHz to 40GHz, as well as extensive Repair & Calibration skills for Positioners, Controllers, and Analysers. Castle hold an extensive Stock of microwave and optical components which are offered on next day delivery to allow for fast design prototyping and rapid time to market production ramp up.

The company operates an ISO 9000 quality assurance system, which is certified by the British Standards Institute to ISO 9001 (BSI Registration No. RS21649). We also hold additional approvals for leading international companies with whom we trade.

[www.castlemicrowave.com](http://www.castlemicrowave.com)

### **For further information please contact:**

Nikki Thompson  
Hotwire

---

0207 608 4692  
[nikki.thompson@hotwirepr.com](mailto:nikki.thompson@hotwirepr.com)

