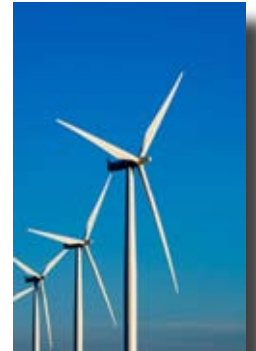


C-MAC is a leader in the design, manufacture and test of electronic modules for harsh environments such as:

- » **Extreme temperature**
- » **Extreme humidity**
- » **Extreme vibration and shock**



Design

Our highly experienced product development engineers provide a full design and layout service to ensure a solution is to specification, on time and on budget



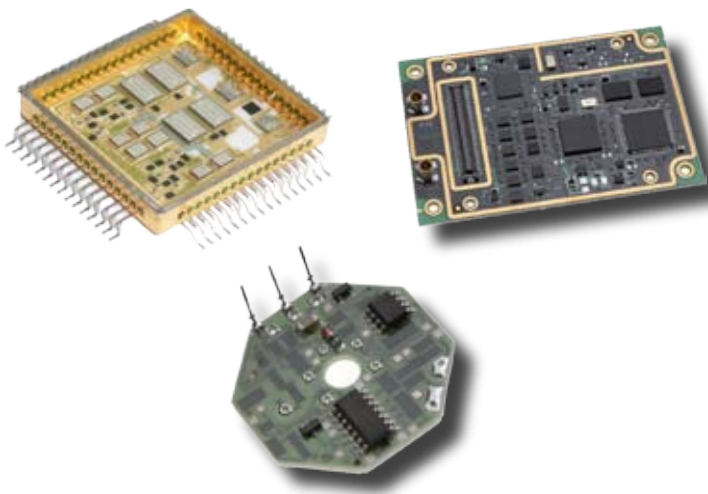
Manufacture

Our facilities include state-of-the-art systems with an embedded zero defects culture and efficient lean processes that combine to ensure extremely high manufacturing yields



Environmental Testing

Our independent ISO 17025 accredited Test Facility offers one of the broadest ranges of test services in the UK including temperature cycle, thermal shock, high humidity, salt mist and corrosion among others



Our products are featured in a wide range of extreme environment applications including:

The Industrial Sector:

- » Solid state anemometer electronics
- » Offshore safety control systems
- » Pressure control sensors
- » Motor controllers

The Space Sector:

Multi-chip modules for

- » Artemis Satellite
- » International Space Station,
- » INMARSAT 1, 2, 3, 4



The Aerospace Sector:

- » Fuel distribution control in the Airbus A380
- » Aircraft Altimeter Controls
- » MIL-STD-1553 Databus Products

The Automotive Sector:

- » Exhaust Gas Recirculation modules
- » Turbocharger controllers
- » High intensity discharge headlamp controls
- » Mass air flow and pressure sensors

The Medical Sector:

- » Surgical drill hermetic motor controllers
- » Blood electrolyte sensors
- » Blood analyser control hybrids

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Our technologies:

- » Thick Film Multilayer Interconnect
- » Low Temperature Co-fired Ceramic (LTCC)
- » Gold and Aluminium Wirebonding
- » Chip and Wire Assembly
- » Surface Mount Assembly
- » Module Packaging
- » Printed Circuit Board (PCB) Assembly
- » Electrical Test



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