

ELECTRONIC

Electronic Control Unit (ECU)

RDM designs, develops and supplies ECUs for use in the Automotive sector and to other industrial applications. We employ engineers skilled in both hardware and software design and our experience and systems knowledge enable us to design interfaces to a wide range of vehicle applications. RDM also specializes in the redesign of existing products to reduce costs and improve efficiencies. Our quality, service, technical support, and investment in all areas of our business combined with continual searching for ways of bringing costs down make us the RIGHT SUPPLIER for you.

No project is considered too small or too big and whether it is a system appraisal or a bespoke turnkey solution RDM can assist you through the entire process.

ELECTRONIC DESIGN

We offer a complete design service ranging from analysing the requirements to producing a finished product. Projects are taken from product specification through circuit and schematic diagrams to component selection and PCB layout. Prototype and production part supply including selection of interface connectors, link wiring harnesses, enclosure and any requirements for fixings and brackets. Close contact is maintained with the client to ensure the product meets the specification.

The range of modules completed for clients is vast and includes the very simple units right through to highly complex body controllers. We specialize in CAN based systems and latest communication technology (GPRS, GSM, Bluetooth and GPS).

Special requirements for EMC hard and high performance parts can also be accommodated.



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SOFTWARE DEVELOPMENT


(TickIT accreditation LRQA)

A structured development approach providing full documentation and requirements analysis through the product / project lifecycle. Analysis of real time software in real time hardware systems and the use of computer aided development and analysis tools. Our design team are skilled in a number of development platforms to suit the client requirements.

VALIDATION & VERIFICATION

RDM uses FMEA, PPAP, IMDS and other design and process validation techniques together with specific customer requirements to validate the suitability of the products.

We use in house and external validation of control units to client requirements ranging from electrical performance tests, vibration, humidity, environmental right through to EMC and type approval.



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