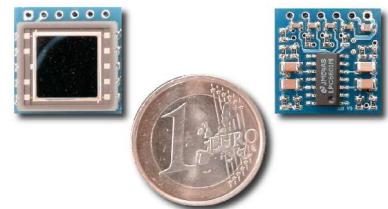


Scope

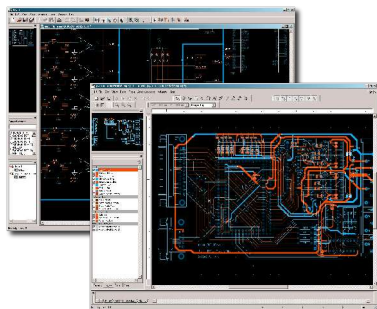
- Design of analog and digital electronic circuits
- Computer-aided layout of printed circuit boards
- Perform feasibility tests
- Manufacture prototypes and small-lot production
- Providing electromagnetic compatibility tests
- Maintain a quality management system according to the ISO 9001 and ISO 13485



Our spectrum comprises CPLD and μ C modules



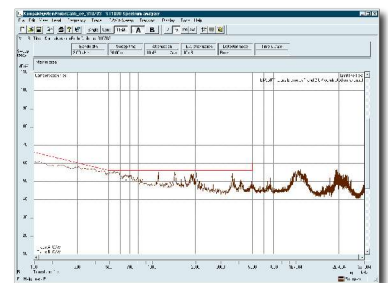
As well as dedicated mini circuits such as 4-QD sensors



MRC offers professional tool-based circuit development for medical requirements

Experience

- PC-controlled, pressure-driven intracranial rinsing and suction systems
- Real-time regulators for eliminating laser beam pointing
- Microcontroller based laser beam alignments for picomotors™
- Patient safe contact power supplies
- Power boards for applications in a magnetic field
- Security/locking circuits according to the ISO risk management
- Neurosurgery laser system controllers
- Amplifiers for 4-quadrant diodes, position detectors, pressure sensors, Avalanche Photo Diodes etc.



A protocol of an EMC conformance test

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Assembling and wiring of customised control cabinets