



Services

Nyquist provides design and development services spanning a range of disciplines, technologies and applications. We would be happy to undertake your complete project or any single aspect of it, no matter how small.

All design and development activity is controlled by our ISO 9001:2000 Quality Control System.

Areas of competence

- Analogue - Low power, Low Noise, Precision, Data Conversion A/D, D/A
- Power Electronics - SMPS off-line, DC/DC, POE, Power Drivers, Battery Technology, Multi-Channel Servo Motor Control
- PLD/FPGA - Altera, Lattice, Xilinx
- 8/16/32 bit Microprocessors - ARM, AVR, Freescale, Infineon, Microchip, NEC, Renesas, Zilog
- DSP - Analog devices, Ti Fixed/Floating point, Motorola 56xxx family
- Communications – Field Bus, I2C, SPI, RS232, RS485, Ethernet, DMX512, Wireless USB, IrDA, GSM, Ti-Zigbee
- Software – Embedded Assembler, C, C++; Windows C++, VBASIC, Java
- PCB – Multilayer, PTH, SMT, High Speed, EMC, Thermal
- Mechanical – 2D and 3D CAD
- Test and Measurement – Boundary Scan, Functional, In-Circuit

Application Areas

- Analogue – Professional Audio, Industrial Control, Medical, Scientific Instrumentation
- Power Electronics – APEX and Intrinsically Safe, Automotive, LED Lighting

- PLD/FPGA – Automotive, Industrial Control
- Micropocessors/Microcontrollers – Audio, Automotive, Industrial Control, Lighting, Medical, Scientific Instrumentation
- DSP – Digital Audio, Sensors
- Communications – Fibre-Copper Media Converters, Remote Control, Access Control, Telemetry
- Software – Audio, Automotive, Industrial Conrol, Lighting, Medical, Scientific Instrumentation
- Mechanical – Enclosures and Electronic Packaging, Small Mechanisms, Test Fixtures

Contact Details

If you want to discuss your project or require further information contact us at ...

Nyquist Limited
Vale Works
Priesty Fields
Congleton
Cheshire
CW12 4AQ

Tel: 01260 278844
Fax: 01260 278855

Email: info@nyquistlimited.co.uk

Web: www.nyquistlimited.co.uk