

JOB TITLE: Hardware Design Engineer
RESPONSIBLE TO: R&D Manager
SALARY: £39K-49K - Commensurate with experience.

MAIN PURPOSE AND SCOPE OF ROLE:

To work as part of a small flexible design team located in East Kent, primarily focused on High Definition video conversion systems based around our proprietary CORIO® technology.

Primarily responsible for the design and development for our range of video processing products.

Initiating and progressing development of the Schematic & PCB designs from concept to production

Ensuring product compliance for EMC, LVD and CE standards

Participation in design reviews, and to assist in ensuring that project targets with regard to cost and timelines are met.

QUALIFICATIONS:

A numerate degree with several years of PCB & Schematic hardware design.

CiD/CiD+ design qualification would be beneficial

EXPERIENCE / JOB KNOWLEDGE:

Proven experience of PCB & Schematic design based around video technology and ideally several years experience in the video industry.

Skills:

- Experience in Digital & Analogue design, preferably incorporating video technologies
- Experience of Mentor Graphics dx Designer & PADs, preferably with knowledge of Databook
- Knowledge & experience of BGA placement & routing, ideally with 16 layer PCB designs with Impedance control.
- Knowledge of EMC/LVD/GPSD/CE compliance
- Understanding of modular design techniques.

Experience in the design & development of hardware design for video based products

Ability to work solo or in small teams to develop creative solutions for advancing video products.

Ability to discuss ideas and develop solutions with other members of the R&D team.

Experience of complete design cycle from concept to qualification and production release, including test and product qualification. Awareness of quality standards associated with design.

REMUNERATION & BENEFITS

SALARY: £39-49K - Commensurate with experience.
WORKING TIME: Minimum 38.75 hours per week – Flexitime scheme.
HOLIDAY ALLOWANCE: 28 days (including Bank Holidays)
OTHER BENEFITS: Company Sick Pay & Contributory Pension Scheme (after 3 months)