



Calibre was established in 1988 and is respected World-wide for providing image scaling technology for use with large LED video walls primarily used for Concerts, Award Ceremonies, Rental/Staging and Advertising and for image scalers for professional projection applications. Calibre is a highly effective OEM partner to many well-known companies in specialist markets, providing customised image scaling and processing solutions.

As a market leader in innovation Calibre will continue to utilise its own in-house hardware and software design teams for all product development with technology centres in Bradford, UK and Hannover, Germany and its manufacturing facility in Bradford, UK. This enables Calibre to optimise product performance and retain an unusually high depth of technical knowledge of design and innovation.

The Parent Company is Coretronic Corporation with its Head office in Taiwan.

We are looking for a highly driven Electronics Engineer to join a small but growing team of highly skilled and innovative engineers. We research, design and manufacture high end Pro-AV products and maintain a very high degree of control over both hardware and software, from the low level DSP algorithms through to the User Interface and control systems.

We present an opportunity for you to bring something new to the team whilst offering back the chance to expand your own skillset through close working with engineers who collectively have skills covering the whole software and hardware stack.

Position:

Electronics Engineer: Pro AV products – HW Development Team

The successful candidate must have experience of creating complex high-speed & high-layer count PCB designs.

Responsibilities:

- Work with EE Team Leader and existing PCB and Electronics Engineer based in Hannover to produce Complex, high speed PCB designs.
- Smart design decisions are required to be made at all times for balancing, cost vs testability vs ease of manufacture.
- Help create test specifications with HW Team Leader to assist SW-Eng team with bring-up and test.
- Assistance with schematic design work from time to time will be required.

Required Experience and Qualifications:

- Experience of complex high-speed electronics design preferably related to video electronics.
- Degree in Electronic Engineering, Physics or related field.
- Schematic entry skills.
- High-speed PCB design skills, 6GHz+ differential.
- High-layer count PCB design skills (8 layers+ ideally).

CALIBRE UK LIMITED

CORNWALL HOUSE • CORNWALL TERRACE
BRADFORD • WEST YORKSHIRE • BD8 7JS
TELEPHONE: +44 (0) 1274 940 770
FACSIMILE: +44 (0) 1274 730 960
sales@calibreuk.com • www.calibreuk.com

REGISTERED IN ENGLAND No: 2549739



- Working knowledge of video standards, electrical formats and techniques.
- Skills for designing under EMC and DFM considerations.

Desirable Experience:

- Knowledge and understanding of raw video timing standards.
- Analog electronic design skills (e.g. audio).
- DC/DC power design skills.
- Skills in signal integrity analysis.
- OrCAD experience.
- Cadence Allegro Experience.

CALIBRE UK LIMITED

CORNWALL HOUSE • CORNWALL TERRACE
BRADFORD • WEST YORKSHIRE • BD8 7JS
TELEPHONE: +44 (0) 1274 940 770
FACSIMILE: +44 (0) 1274 730 960
sales@calibreuk.com • www.calibreuk.com

REGISTERED IN ENGLAND No: 2549739