

Job Description: RF/Microwave Engineer (Systems Engineering)

CML Vision – The first-choice semiconductor partner to technology innovators, together transforming how the world communicates.

CML Values – Trust, Respect, Commitment and Creativity.

CML Guiding Principles – Strong business ethics; culture of quality with a sense of urgency; live and breathe the customer experience; a passion for excellence; inspire our people to innovate.

Position Summary

A RF / Microwave Design engineer is required to join our Systems Engineering team working on the design of RF circuits and Systems at our office in Shepton Mallet, Somerset, United Kingdom. The role is likely to involve regular travel to our other UK sites in Essex and Cambridge; it may also involve occasional overseas travel.

In this role you will be responsible for device evaluation on RF / Microwave products, in the range DC to 30 GHz frequencies. The role also includes system / circuit level design to support development of new products, working closely with our IC design teams.

Reports to

Systems Engineering Manager

Essential Functions / Key Focus Areas

- Design of RF / Microwave demonstration kits and evaluation PCB's
- In depth evaluation of RF / Microwave devices; involving close collaboration with the device design team and detailed analysis of the application requirements.
- Produce detailed documentation of evaluation results and produce application notes to support customer usage cases.
- Competitive analysis; identify, document and present the benefits of CML solutions.
- Provide technical support to CML sales/marketing and customers.
- Provide technical support to CML production and test departments.

Qualifications and Experience

Essential

Experience is required in some or all of the following:

- 2 - 3 years analogue hardware RF system/circuit design with experience up to microwave frequencies desirable but not essential
- A relevant degree / qualifications
- Hands-on experience with lab equipment such as spectrum analysers, VNA's, vector signal generators, oscilloscopes, and software design / simulation tools
- Good theoretical knowledge of analogue circuits, RF and system engineering
- Experienced in supporting production of RF products (semi-conductors or RF end-user products)
- Knowledge/experience of transceiver design (e.g. Sat comms; L-band or above, Ka band preferred).

This job description is not exhaustive and is subject to change from time to time to meet the needs of the business

Critical Competencies for Success

Excellent Communication Skills – Maintains an open flow of two-way communication, exhibiting strong verbal, written and presentation skills, stating expectations clearly and being visible to all stakeholders. Exhibits executive presence in front of both internal and external audiences. Being a good listener is a critical success factor.

Impeccable Integrity – Embodies and practices unquestioned personal and business integrity. Creates an environment of trust and respect by acting with fairness and consistency, keeping commitments, and providing rationale for decisions.

Team Player with Maturity – A results-oriented individual who, at the same time, is the consummate team player who can effectively negotiate with others to achieve win-win outcomes. They will be well respected by senior management, peers, and subordinates, and will be secure in their technical and managerial abilities.

Open Minded – A resilient and committed executive with a passion for excellence; a flexible and open operating style; non-political and non-bureaucratic; someone with a natural and effective consultative approach who will gain the trust and respect of individuals at all levels.

Customer Focused – Live and breathe the customer experience by encouraging a culture dedicated to enhancing customer satisfaction and building strong customer relationships.

Location

The position is based at our Shepton Mallet office in Somerset. Address - The Old Brewhouse, Lower Charlton Trading Estate, Shepton Mallet, BA4 5QE

Salary and Benefits

A competitive salary is offered, depending upon skills and experience. Additional benefits include:

- Holidays – 25 days plus bank holidays per year
- Pension scheme
- Healthcare scheme
- Hybrid working
- Death in service (4 times salary)
- On-site parking
- VISA sponsorship (if applicable)
- Relocation package (if applicable)

Application

In the first instance, please forward your CV to Mrs J Gibbins at jgibbins@cmlmicro.com or telephone 01749 881137.

Further information about CML Microcircuits can be found on our website at www.cmlmicro.com

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