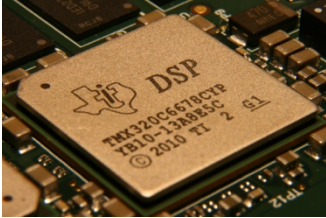




Embedded Firmware Engineer

CommAgility is a fast growing company working at the sharp end of wireless product design, using the latest DSP, FPGA, ARM, LINUX and RF technologies to develop products for next generation wireless telecoms standards such as LTE and LTE Advanced.



Multiple award wins include the Queen's Award for Enterprise in 2013 and 2016. A Sunday Times Hiscox Tech Track 100 and Deloitte Fast 50 company, we are based in the UK and Germany. In March 2015, CommAgility acquired MIMOon GmbH.



The UK site is based at the Science and Enterprise Park at Loughborough University, Leicestershire. CommAgility offers a fantastic working environment in an engineering-focused company.

Job purpose:

Be involved in specifying, and responsible for coding and testing of FPGA firmware and its hardware platform to verify functionality and to undertake other hardware design activities as deemed appropriate by the engineering director.

Main duties and key responsibilities:

Firmware Specification from Product Requirements:

- Work with the team during development of firmware specification documents
- Supporting software team with embedded software requirements and software specifications where they interface with FPGA operation
- Reviewing applicable sections of software requirements documents

Firmware Design

- Using Xilinx ISE and Vivado in VHDL and Verilog
- Source control with GitLab
- Develop to a quality level suitable for ISO 9000

Hardware/Firmware Testing/Verification

- Work as part of the team to support all aspects of hardware test/verification
- Scripting and design of test framework and infrastructure
- Construct test harnesses in both hardware and software.
- Record test results and scenarios in a way which allows the test to be repeated later if required
- Undertake debug work if necessary
- Use of complex test equipment to support development and testing

Production Test Support

- Support the factory with training and testing
- Contribute to development of Production Test Suites

Customer Support

- Engage with customers to solve issue and provide pre and post-sale training and technical advice.





Engineering Support

- Provide support to hardware, embedded software and applications software teams as required.

Hardware Design Support

- Review Schematics and Requirements Documents

Self-reliant

- Ability to read around the subject and learn on the job

Essential Criteria within the person specification:

- 1st or 2:nd degree level Electronics or equivalent experience
- VHDL/Verilog Programming
- FPGA/ASIC Development
- Problem solving
- Resource allocation
- Time keeping
- Self-reliance and willing to learn
- A willingness to undertake further relevant training
- An understanding and commitment to equal opportunities

Desirable criteria within the person specification:

- Degree with a communications module or experience in and communications sector
- Further tertiary education (Masters/PhD)
- Communications project work or experiences with RF techniques
- Schematic Capture
- Software design

This is a fantastic opportunity to join a hardworking, rapidly expanding, progressive company with great career prospects.

The position is immediately available and is full time. This position is based in Loughborough, UK.

To apply, please email your CV to jobs@commagility.com

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