ACP Advanced Circuit Pursuit AG is specializing in RF transceivers and other integrated circuits for cellular communications. With ever increasing complexity of wireless communication devices, processing power becomes a scarce resource. Symmetric multi-core processor architectures (SMP) are one trend to squeeze the last bit of performance out of the silicon. A powerful, multi-core aware RTOS is an indispensable necessity to unleash the full power of multi-core architectures. Hence, we are looking for an

**Embedded Software Design Engineer (f/m) with Strong Focus on Real-Time Operating Systems (RTOS)**

**Your responsibility:**

- Development, testing and maintenance of a powerful, multi-core RTOS
- Low-level driver development
- Tool chain related work
- Troubleshoot firmware issues and support application development team
- Create documentation
- Follow good, maintainable coding style
- Maintain strong link with processor development team for multi-core related topics
- Close cooperation with higher (software) and lower (hardware) layer development teams

**Your profile:**

- ETH/University/FH degree in electrical engineering or information technologies or computer science
- Profound knowledge in embedded software design
- Salient in embedded processor technologies, surrounding entities and the GNU compiler tool chain
- Deep understanding of real-time aspects and multi-core/multi-threaded software development
- Skilled in low-level driver development
- Experience with versioning tools (GIT, SVN)
- Excellent oral and written communications skills combined with the ability to effectively communicate technical issues in English

By joining ACP you’ll be part of a thriving company that acts at the forefront of the cellular communication business. Your skills and the RISCV processor technology paired with our very competitive RF transceivers could rank us among the few successful global players.

Could we draw your interest? Please direct your complete application to Laura Verellen, either electronically to verellen@newacp.ch or to the following address:

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