

## **Coaching: Microcontroller Architectures and Peripherals**

The coaching services by MicroConsult offer a major advantage: our specialists introduce their expertise and experience directly in your solution process, thus contributing to the success of your projects. For example, we will work with you to analyze possible applications and the use of new software engineering or management techniques, develop concrete measures for introducing those techniques and then implement them. Doing so, we cover the following areas: system, software and hardware development, (agile) development processes, self-development, soft skills and software law.

### **Coaching: Microcontroller Architectures and Peripherals**

#### **Coaching Topics – Examples**

**Consulting regarding the selection of a microcontroller that suits your application and requirements**

**Resource optimized use of your microcontroller peripherals**

**Consulting regarding the development of your application specific microcontroller and peripherals initializations**

**Consulting regarding the application specific selection of software components**

**Consulting regarding the development and integration of software components**

**Consulting regarding the development of your circuit documentation**

**Review of your circuit documentation**

**Consulting regarding the generation of circuit development guidelines**

**Consulting regarding the structure and setup of your component libraries**

**Consulting regarding the generation of the hardware specification/ documentation**

#### **Coaching**

We will be happy to provide you with further information or submit a quotation tailored to your requirements.