



AT91SAM9RL64 Seminar

**Hands-on 01 Introduction:
Getting Started with the AT91LIB**

Hands-on Goals

■ Understanding of IAR Embedded Workbench

- Discover the Getting Started Project
- Build & Debug the project
- Discover several IAR tool-chain features

■ Understanding of the AT91SAM Software Package & AT91LIB Library

- Installing the SAM-ICE dll
- Setting-up the AT91SAM9RL-EK board
- Add peripherals (PWM, RTC) low level API to an existing project
- Use peripherals low level functions



Hands-On Tasks

- **Hands-On 1: Getting Started with the AT91-LIB and IAR EWARM**
 - **Assignment 1: Getting started with IAR EWARM IDE**
 - **Assignment 2: Add PWM peripheral**
 - **Assignment 3: Add RTC peripheral**
 - **Optional steps**