

Components – EMEA

Customer Seminar Invitation

Libero SoC Flash-FPGA Workshop

Dear valued customer,

In times of fast evolution, staying at the cutting edge of technology is only achievable by continuous learning. With this seminar, Arrow provides you the chance for a job specific training.

Many applications have a limited power budget, either because they are battery powered or due to heat issues. For instance, many industrial cameras come in 29 mm x 29 mm cases. Within these relatively small cases there is a lot of electronic generating heat. An image sensor is an analog component that is susceptible to heat. Heat will degrade the quality of the images captures by the sensor. Microchip's Flash-FPGAs require up to 50% less Power than comparable SRAM-based products. They cover complexities from 100 LUTs (CPLD replacement) to 500 kLUTs (mid-range FPGAs), with low-Power Tranceivers. There are SoC versions of all modern families including hard MCUs (Cortex-M3) or Processors (5 x 64 bit Risc-V).

This workshop is using an SMF2000 board from Trenz Elektronik based on the SmartFusion2 SoC with 12 kLUT FPGA and a Cortex-M3 MCU. It was designed for developers who are new to Microchip FPGAs. Knowledge of VHDL is desirable, but not necessary.

Speaker

Luca Cattaneo (European FPGA Team Manager, Microchip)

Agenda

09:00 - 09:10	Welcome
09:10 - 09:20	Properties of Flash-FPGAs
09:20 - 09:30	Product portfolio overview
09:30 - 10:50	Hands-On Workshop based on SMF2000 SmartFusion2 Boards
10:50 - 11:00	Questions & Answers

Actions during the seminar:

Presentation, Hands-On session

Registration

Register by following this
[Registration link](#)

Contact person:

Andreas Schwarztrauber
aschwarztrauber@arroweurope.com
Phone: +49 1778584432

Date:

17th February 2021

Location:

Online Seminar

Language:

English

Workshop Prerequisites:

[SMF2000](#), [Libero SoC](#) (Silver [license](#)),
Knowledge of VHDL is desirable, but
not necessary