



## NXP ARM SoCs

### Courses on NXP i.MX SoCs

ACSYS offers a large set of courses on NXP processors.

Each course details both hardware and software implementation of these processors.

Examples are provided to explain low level programming, which is needed to understand the boot program.

For on-site trainings, an additional day covering Linux porting or Windows Embedded porting may be appended to i.MX processor courses.

You can see detailed course descriptions of the various trainings by using the above navigation bar. You can also click on course identifiers in the following course briefs hereafter.

#### Main Courses

**FA4 - i.MX6 Implementation** This course describes the i.MX6 Dual and Quad core SoC

**FA5 - i.MX8m Implementation** This course describes the i.MX8m Dual and Quad core SoC

**FA6 - i.MX8 Max Implementation** This course describes the i.MX8 Quad Plus and Quad Max core SoC

Note this course can only be provided to NXP-approved customers, the SoC Reference Manual being still only available under a Non-Disclosure Agreement. Contact us at [training@ac6-training.com](mailto:training@ac6-training.com) for any further details.

**FK1 - Kinetis MCU Implementation** This course covers all NXP MCUs belonging to the Kinetis families K10, K20, K30, K40 and K60

**FK2 - Kinetis KL26z MCU Implementation** This course covers the NXP Kinetis KL26z ultra low power MCU

**FQ1 - LS1021A QorIQ implementation** This course covers the LayerScape LS1021A SoC

**NP1 - LPC21XX/LPC22XX microcontroller implementation** This course covers NXP ARM-based MCU family

**NP2 - LPC17xx microcontroller implementation** This course covers NXP Cortex-M3-based LPC17XX MCU family.

#### Additional Courses

**RT3 - FreeRTOS Real Time Programming** Real-time programming applied to the FreeRTOS operating system