



## 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.

Vous pouvez visualiser les descriptifs détaillés des différents cours en utilisant la barre de navigation ci-dessus. Vous pouvez également cliquer sur les références des cours dans les descriptions ci-dessous.

#### Cours principaux

- FA1 - i.MX27 implementation + LTIB** This course describes the i.MX27 multimedia processor and Linux Target Image Builder tool
- FA2 - i.MX31 implementation + LTIB** This course describes the i.MX31 multimedia processor and Linux Target Image Builder tool
- FA3 - i.MX51 Implementation + LTIB** This course describes the i.MX51 multimedia processor and Linux Target Image Builder tool
- FA4 - i.MX6** This course describes the i.MX6 Dual and Quad core SoC
- FA5 - i.MX28 + LTIB** This course describes the i.MX28 processor family and Linux Target Image Builder tool
- 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.

#### Autres cours

- OS3 - FreeRTOS Programming** Programming applications using the FreeRTOS operating system
- OS2 - MQX Programming on Kinetis Microcontroller** Programming applications using the MQX operating system
- RT2 - MQX Real Time Programming** Real-time programming applied to the MQX operating system
- RT3 - FreeRTOS Real Time Programming** Real-time programming applied to the FreeRTOS operating system