



## **NXP Power CPUs**

### **Courses on NXP Power processors**

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 on Linux porting or Windows Embedded porting may be appended to the processor course.

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.

- FC1 - MPC755 implementation** This course covers NXP G3 Power CPU
- FC2 - MPC7400/10 implementation** This course covers NXP G4 Power CPUs
- FC3 - MPC744X/5X implementation** This course covers NXP G4+ Power CPU, including MPC7448
- FC4 - MPC8610 implementation** This course covers NXP MPC8610 Power CPU
- FC5 - MPC8641(D) implementation** This course covers NXP MPC8641 and MPC8641D single- and dual- core Power CPUs

- FCC1 - e500mc implementation** This course covers the e500mc core present in 32-bit QorIQ SoCs
- FCC2 - e5500 implementation** This course covers the e5500 core present in 64-bit QorIQ SoCs
- FCC3 - e200z7 implementation** This course covers the e200z7 core present in NXP MPC56XX MCUs
- FCC4 - e6500 implementation** This course covers the e6500 core present in NXP T2 and T4 SoCs

- FCQ1 - P101X QorIQ implementation** This course covers NXP QorIQs P1010 & P1014
- FCQ10 - T1040 QorIQ implementation** This course covers NXP QorIQs T1020, T1022, T1040, T1042
- FCQ11 - P102X QorIQ implementation** This course covers NXP QorIQ P1020/P1011, P1021/P1012, P1022/P1013, P1023/P1017, P1024/P1015, P1025/P1016
- FCQ2 - P2020 QorIQ implementation** This course covers NXP QorIQ P2010 and P2020
- FCQ3 - P204X QorIQ implementation** This course covers NXP QorIQ P2040 and P2041
- FCQ4 - P3041 QorIQ implementation** This course covers NXP QorIQ P3041
- FCQ5 - P4080 QorIQ implementation** This course covers NXP QorIQ P4040 and P4080
- FCQ6 - P5020 QorIQ implementation** This course covers NXP QorIQ P5010 and P5020
- FCQ7 - T4240 QorIQ implementation** This course covers NXP QorIQs T4240 & T4160
- FCQ8 - T1024 QorIQ implementation** This course covers NXP QorIQs T1024 & T1014
- FCQ9 - T2081 QorIQ implementation** This course covers NXP QorIQs T2080 & T2081

- FM1 - MPC5XX implementation** This course covers MPC55X and MPC56X NXP MCUs
- FM2 - MPC55XX implementation** This course covers MPC5554 and MPC5567 NXP MCUs
- FM3 - eTPU programming** This course covers eTPU code generation and simulation
- FM4 - MPC5200 implementation** This course covers the MPC5200 NXP MCU
- FM5 - MPC5674F implementation** This course covers NXP Qorivva MPC5673F and MPC5674F
- FM6 - MPC5777M implementation** This course covers the NXP Qorivva MPC5777M microcontroller

- FPQ1 - MPC8XX implementation** This course covers PowerQUICC devices, such as MPC885
- FPQ2 - MPC824X implementation** This course PowerQUICC II devices, such as MPC8247

- FPQ3 - MPC825X/6X/7X/8X implementation** This course covers PowerQUICC II devices, MPC825X, MPC826X, MPC827X, MPC828X families
- FPQ4 - MPC8308 implementation** This course covers the PowerQUICC II Pro MPC8308
- FPQ5 - MPC8309 implementation** This course covers PowerQUICC II Pro MPC8309, MPC8306 and MPC8306S
- FPQ6 - MPC8313E implementation** This course covers PowerQUICC II Pro MPC8313
- FPQ7 - MPC832XE implementation** This course covers PowerQUICC II Pro MPC8321, MPC8321E, MPC8323 and MPC8323E
- FPQ8 - MPC834X implementation** This course covers PowerQUICC II Pro MPC834X processors, such as MPC8349A
- FPQ9 - MPC8360E implementation** This course covers PowerQUICC II Pro MPC8360E
- FPQA - MPC837XE implementation** This course covers PowerQUICC II Pro MPC837XE
- FPQB - MPC854X implementation** This course covers PowerQUICC III MPC854X devices, including MPC8548E
- FPQC - MPC8560 implementation** This course covers PowerQUICC III devices, including MPC8560
- FPQD - MPC8572E implementation** This course covers PowerQUICC III MPC8572E dual core device