Formations NXP Power CPUs: Courses on NXP Power processors - Processeurs PowerPC

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 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