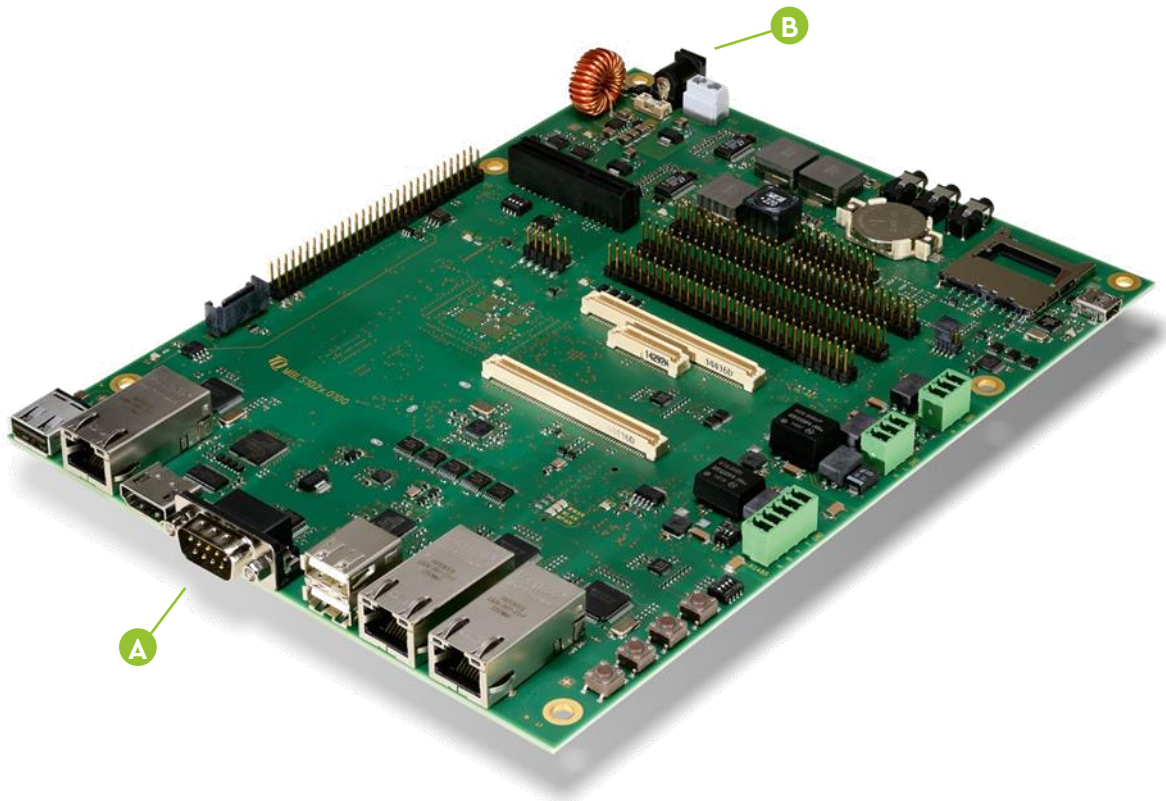


Quick-Start-Guide TQMLS102xA

QorIQ® Layerscape



A CONNECT HOST PC AND STKLS102xA

Use the supplied micro USB cable to connect X5 of the MBL5102xA to a USB port on your host.

RUN TERMINAL EMULATOR AND CONFIGURE SERIAL PORT

Run your favourite terminal emulator on the host PC (we Recommend Tera Term Pro) and configure the serial port as follows:

Baudrate	115200
Data bits	8
Parity	none
Stop bits	1
Handshake	XON / XOFF

B SUPPLY THE STKLS102xA WITH POWER

Double-check the mains voltage required for the included Power supply, then connect it to connector X34 on the STKLS102xA.

Caution when using a different power supply! The Starterkit can be operated using a regulated supply voltage of 18-28V (nom. 24V)!

ESTABLISH SERIAL CONNECTION

The boot messages of boot loader and operating system are displayed by the terminal emulator.

! For latest documentation, BSPs, etc. please visit:
tq-group.com/en/products/tq-embedded/qorIQ-layerscape/stkls102xa Support.tq-group.com/tqmls102xa

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Default DIP switch setting

Boot device selection

To select the desired boot device set DIP switch **S3** accordingly.

Configuration SD Card

S3				
DIP	1	2	3	4
Set	ON	ON	-	-

! Do not use SD Card when eMMC is placed on TQMLS102xA !

Configuration eMMC

S3				
DIP	1	2	3	4
Set	ON	OFF	-	-

! Info: eMMC is a placement option on TQMLS102xA

Configuration SPI NOR

S3				
DIP	1	2	3	4
Set	ON	ON ¹⁾ OFF ²⁾	-	-

1) TQMLS102xA without eMMC

2) TQMLS102xA with eMMC

S9 Default Configuration:

S9				
DIP	1	2	3	4
Set	ON	ON	ON	ON