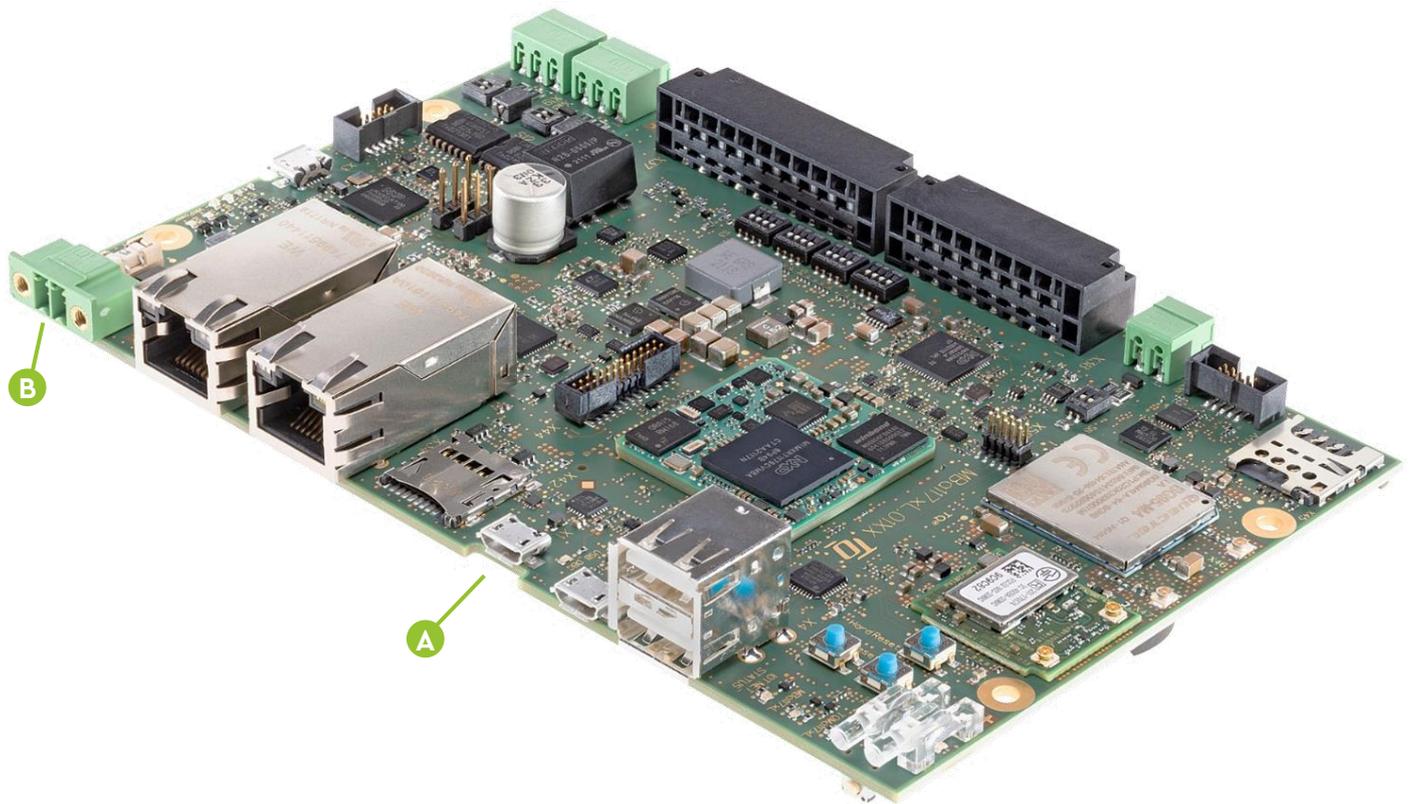# Quick-Start-Guide STKa117xL

Arm® architecture

A

CONNECT HOST PC AND STKa117xL

Use the supplied micro USB cable to connect X1 of the STKa117xL to a USB port on your host.
You will find two new serial ports (e.g. for Debug Output) on the host PC.

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 STKa117xL WITH POWER

Double-check the mains voltage required for the included Power supply, then connect it to connector X13 on the STKa117xL.

Caution when using a different power supply! The Starterkit Can be operated using a regulated supply voltage of 16-30V (nom. 24V)!

ESTABLISH SERIAL CONNECTION

The FreeRTOS Demo messages are displayed by the terminal emulator.

! **For latest documentation, BSPs, etc. please visit:**
tq-group.com/en/products/tq-embedded/arm-architecture/mba117xl   support.tq-group.com/tqma117xl

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Boot device selection

To select the boot device set the DIP switches accordingly.

Internal Boot (Boot from NOR Flash)

	S3					S4			
DIP	1	2	3	4	**DIP**	1	2	3	4
Set	OFF	OFF	OFF	OFF	**Set**	OFF	OFF	OFF	OFF
	S5					S6			
DIP	1	2	3	4	**DIP**	1	2	3	4
Set	OFF	OFF	OFF	OFF	**Set**	OFF	ON	ON	ON