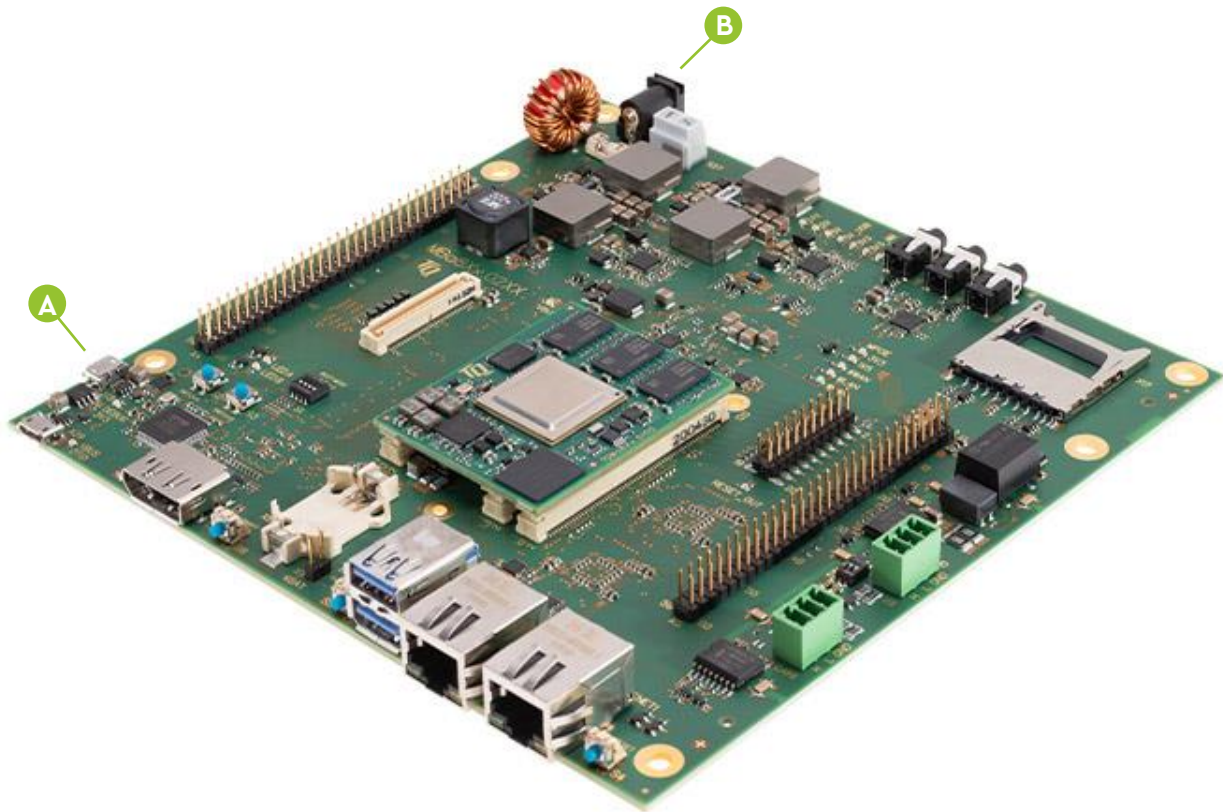


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A

CONNECT HOST PC AND STKa8Xx4

Use the supplied USB cable (USB2.0 ST-A / Micro-B) to connect Debug-USB (X13) of the STKa8Xx4 to a USB port of your 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 STKa8Xx4 WITH POWER

Double-check the mains voltage required for the included Power supply, then connect it to connector X26 on the STKa8Xx4.

Caution when using a different power supply! The Starterkit can be operated using a regulated supply voltage of 16...26V (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/arm-architecture/stka8xx4 Support.tq-group.com/tqma8xx4

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DIP switch settings

Boot device selection

To select the desired boot device set DIP switch **S1** accordingly.

Configuration SD Card

	S1			
DIP	1	2	3	4
Set	OFF	OFF	ON	ON

Configuration eMMC

	S1			
DIP	1	2	3	4
Set	OFF	OFF	ON	OFF

Configuration QSPI NOR

	S1			
DIP	1	2	3	4
Set	OFF	ON	ON	OFF

Reset

To reset the Starterkit, press S4.