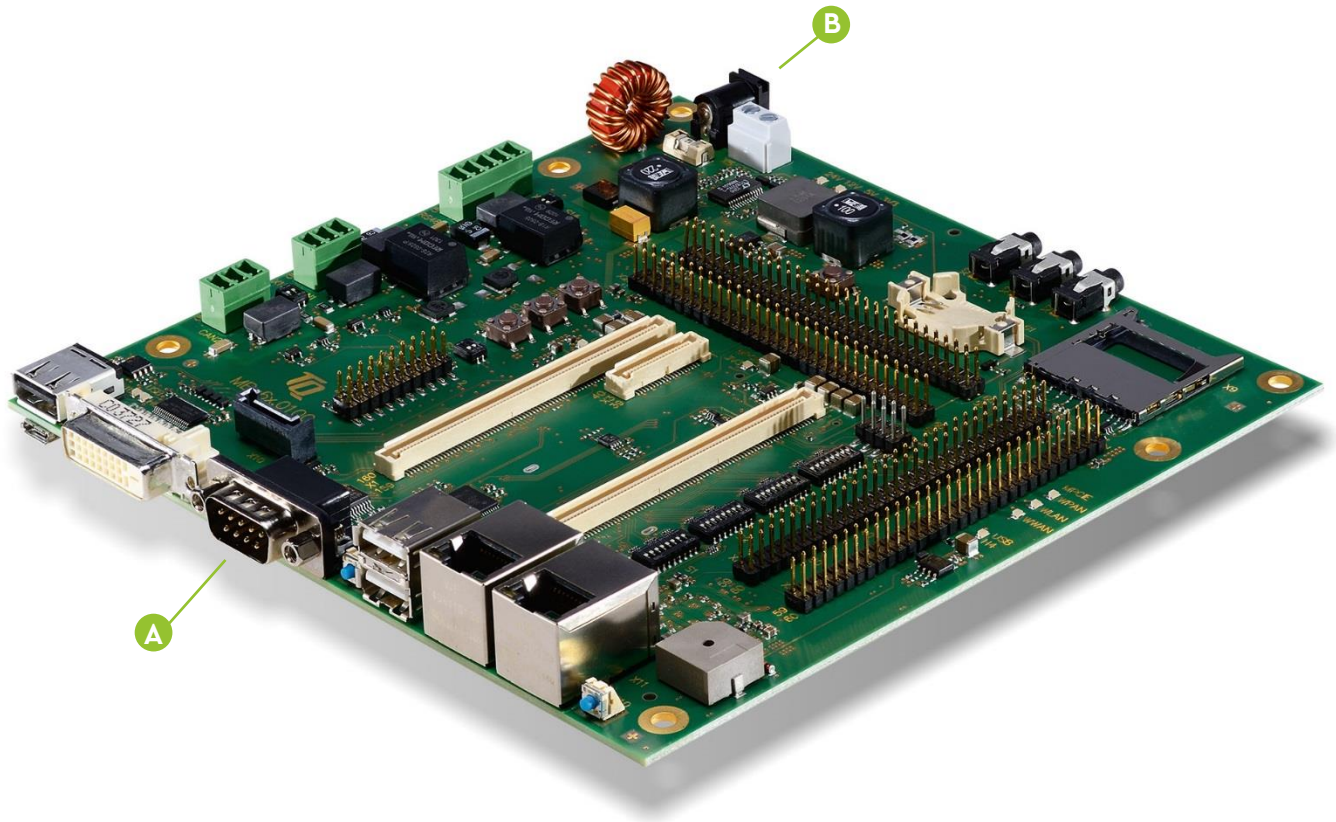


# Quick-Start-Guide STKa6x

Arm® architecture



**A**

## CONNECT HOST PC AND STKa6Ux

Use the supplied null modem cable to connect COM1 of the STKa6x (X15) to a serial port on your host PC (e.g. COM1 / ttyS0).

## 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:

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

**B**

## SUPPLY THE STKa6x WITH POWER

Double-check the mains voltage required for the included Power supply, then connect it to connector X4 on the STKa6x.

Caution when using a different power supply! The Starterkit can be operated using a regulated supply voltage of 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/stka6x](http://tq-group.com/en/products/tq-embedded/arm-architecture/stka6x) [Support.tq-group.com/tqma6x](http://Support.tq-group.com/tqma6x)

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## DIP switch settings

### Boot device selection

To select the desired boot device set DIP switch **S1** and **S2** and **S5** accordingly.

S5	
1	2
ON	OFF

### Configuration SD Card

S1								
DIP	1	2	3	4	5	6	7	8
Set	OFF	ON	OFF	ON	OFF	OFF	OFF	OFF

S2								
DIP	1	2	3	4	5	6	7	8
Set	OFF	OFF	ON	OFF	ON	OFF	OFF	OFF

### Configuration eMMC

S1								
DIP	1	2	3	4	5	6	7	8
Set	OFF	ON	ON	OFF	OFF	OFF	OFF	OFF

S2								
DIP	1	2	3	4	5	6	7	8
Set	OFF	ON	OFF	ON	OFF	OFF	OFF	OFF

### Configuration SPI NOR

S1								
DIP	1	2	3	4	5	6	7	8
Set	OFF	ON	ON	OFF	OFF	OFF	OFF	OFF

S2								
DIP	1	2	3	4	5	6	7	8
Set	OFF	ON	OFF	ON	OFF	OFF	OFF	OFF