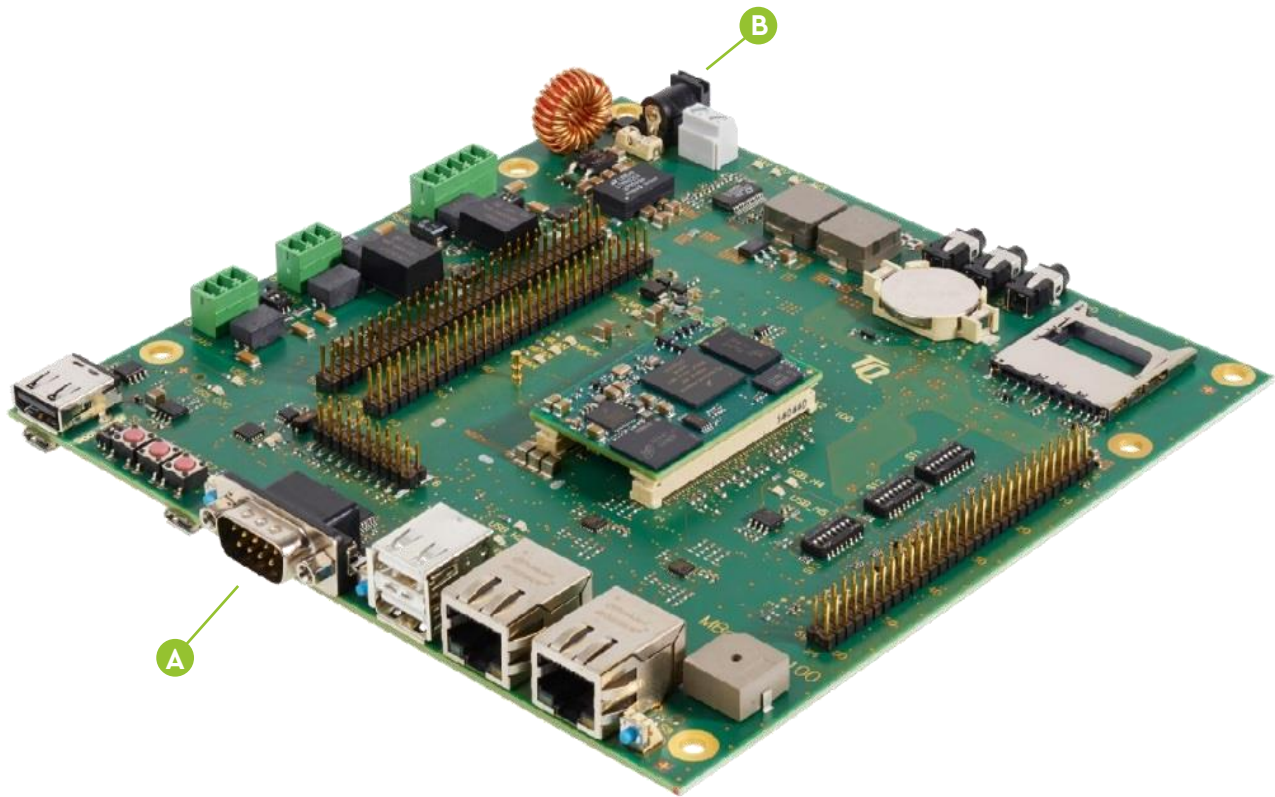


# Quick-Start-Guide STKa6ULx

Arm® architecture



A

## CONNECT HOST PC AND STKa6ULx

Use the supplied null modem cable to connect COM1 of the STKa6ULx (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 STKa6ULx WITH POWER

Double-check the mains voltage required for the included Power supply, then connect it to connector X26 on the STKa6ULx.

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/stka6ulx](http://tq-group.com/en/products/tq-embedded/arm-architecture/stka6ulx)      [Support.tq-group.com/tqma6ULx](http://Support.tq-group.com/tqma6ULx)

# Quick-Start-Guide STKa6ULx

Arm® architecture



## DIP switch settings

### Boot device selection

To select the desired boot device set DIP switch **S11** and **S12** accordingly.

#### Configuration SD Card

S11								
DIP	1	2	3	4	5	6	7	8
Set	ON	ON	OFF	ON	ON	ON	ON	ON

S12								
DIP	1	2	3	4	5	6	7	8
Set	ON	ON	OFF	ON	ON	ON	OFF	ON

#### Configuration eMMC

S11								
DIP	1	2	3	4	5	6	7	8
Set	ON	OFF	ON	ON	OFF	ON	ON	ON

S12								
DIP	1	2	3	4	5	6	7	8
Set	ON	ON	ON	ON	ON	OFF	OFF	ON

#### Configuration QSPI NOR

S11								
DIP	1	2	3	4	5	6	7	8
Set	ON	ON	ON	ON	ON	ON	ON	ON

S12								
DIP	1	2	3	4	5	6	7	8
Set	ON	ON	ON	ON	OFF	ON	ON	ON

### Debug interface selection

To select the desired debug Interface set DIP Switch S15 accordingly

S15		
DIP	ON	OFF
1	USB	RS232 (X15) (default)