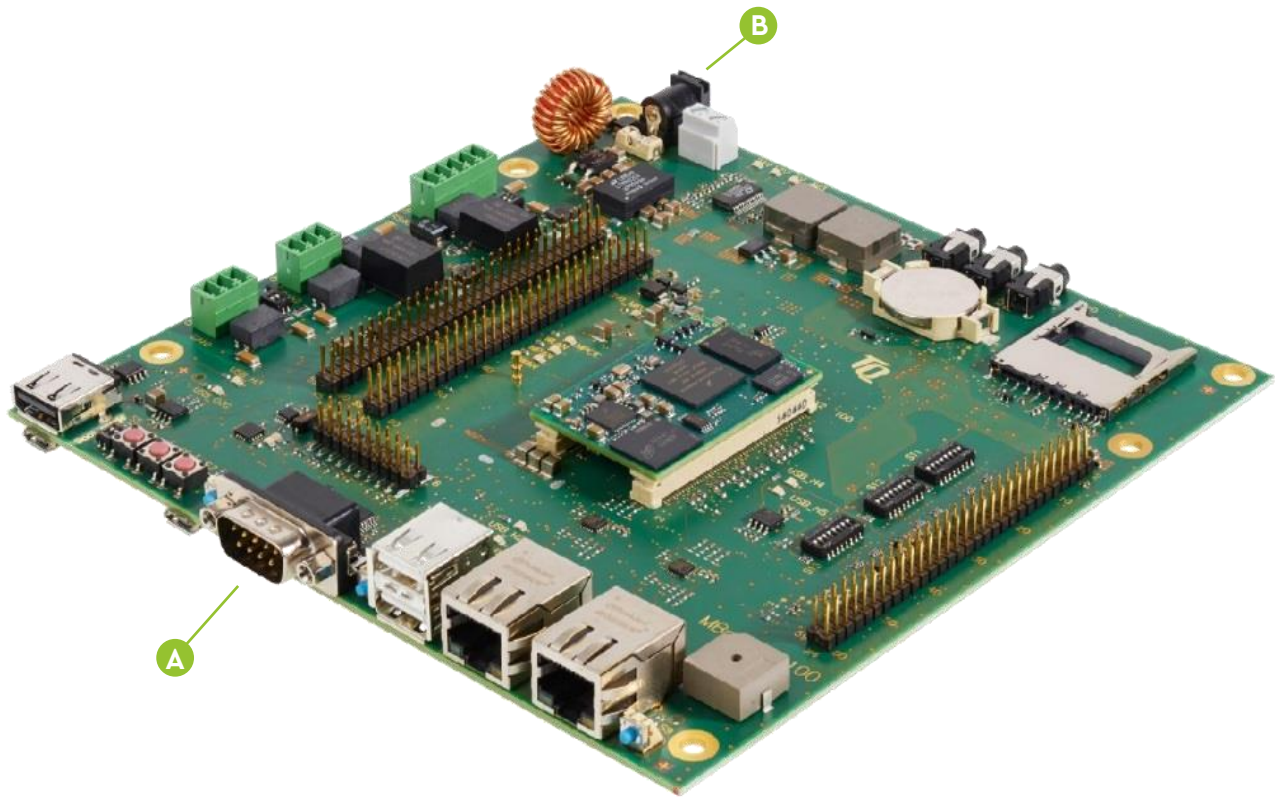


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A

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:

Baudrate	115200
Data bits	8
Parity	none
Stop bits	1
Handshake	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/stka6ul

[Support.tq-group.com/tqma6ULx](https://support.tq-group.com/tqma6ULx)

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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	ON	ON	OFF	ON

Debug interface selection

To select the desired debug Interface set DIP Switch S15 accordingly

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