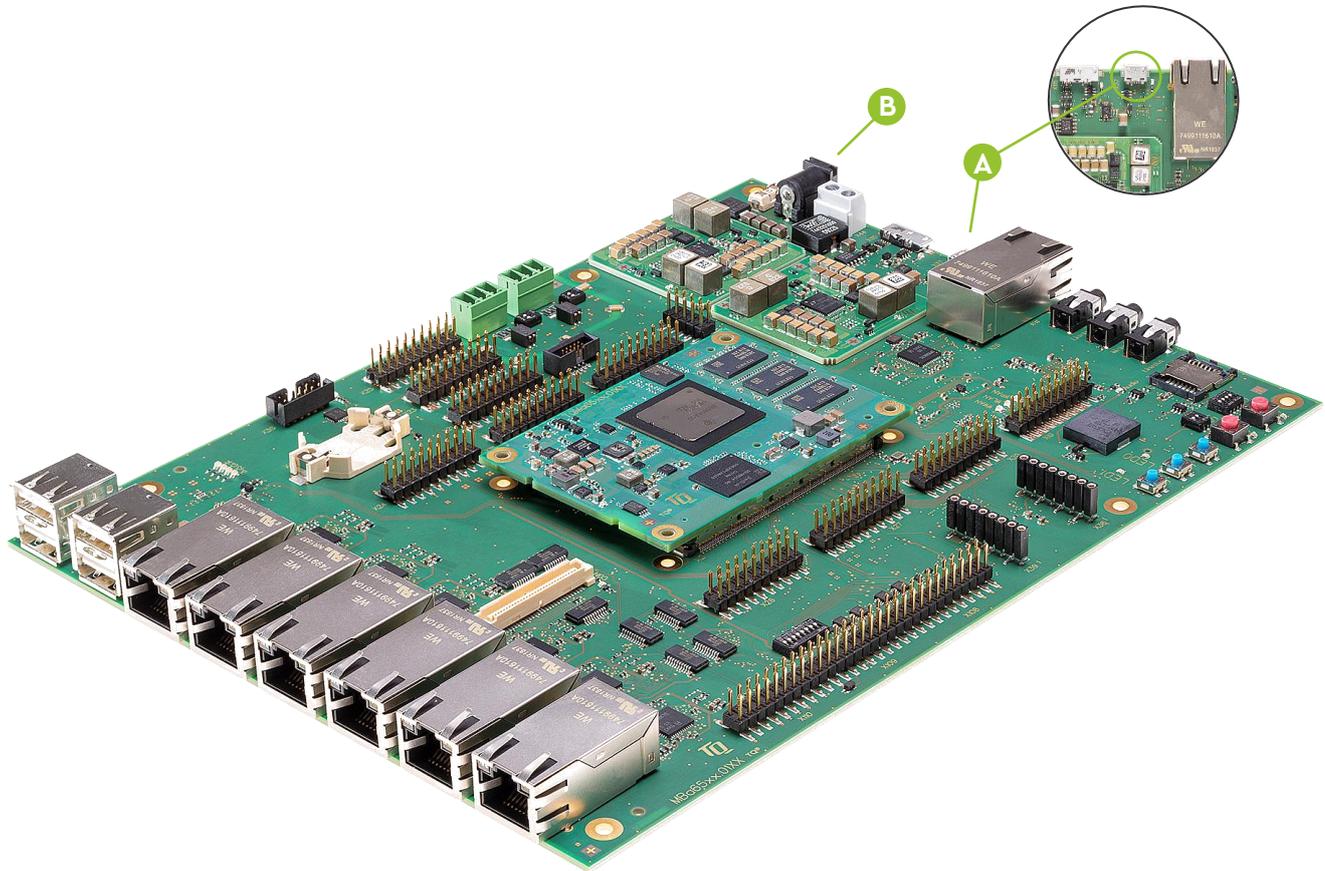


Quick-Start-Guide STKa65xx

Arm® architecture



A

CONNECT HOST PC AND STKa65xx

Use the supplied USB cable (USB2.0 ST-A / Micro-B) to connect Debug-USB (X37) of the STKa65xx 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 STKa65xx WITH POWER

Double-check the mains voltage required for the included Power supply, then connect it to connector X45 on the STKa65xx.

Caution when using a different power supply! The Starterkit can be operated using a regulated supply voltage of 16...32V (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/stka65xx

Support.tq-group.com/tqma65xx

Quick-Start-Guide STKa65xx

Arm® architecture



DIP switch settings

Boot device selection

To select the desired boot device set DIP switch **S8** and **S9** accordingly.

Configuration SD Card

S8								
DIP	1	2	3	4	5	6	7	8
Set	OFF	ON	ON	OFF	X	X	X	OFF

S9								
DIP	1	2	3	4	5	6	7	8
Set	OFF	OFF	OFF	OFF	ON	OFF	X	X

Configuration eMMC

S8								
DIP	1	2	3	4	5	6	7	8
Set	OFF	ON	ON	OFF	X	X	X	OFF

S9								
DIP	1	2	3	4	5	6	7	8
Set	OFF	OFF	OFF	OFF	OFF	ON	X	X

Configuration QSPI

S8								
DIP	1	2	3	4	5	6	7	8
Set	ON	OFF	OFF	OFF	X	X	X	OFF

S9								
DIP	1	2	3	4	5	6	7	8
Set	OFF	OFF	ON	OFF	OFF	OFF	ON	OFF

Reset

To reset the Starterkit, press S2.