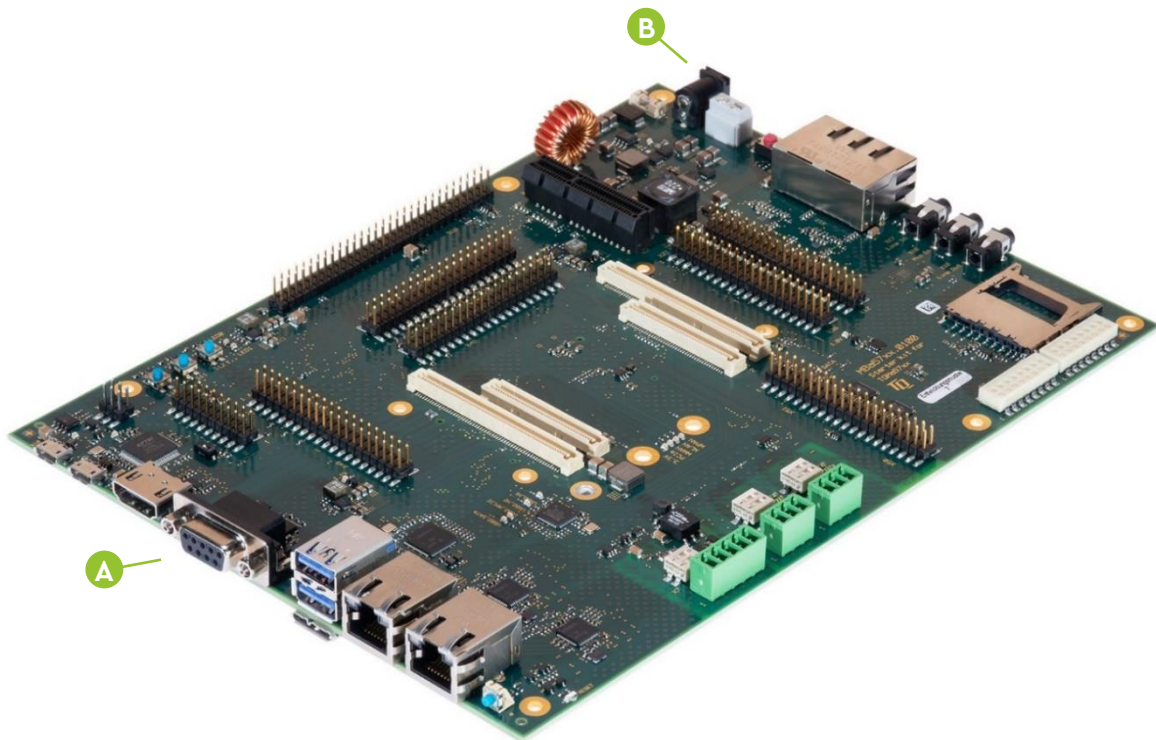


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A CONNECT HOST PC AND STKa57xx

Use the supplied null modem cable to connect COM1 of the MBa57xx (X8) to a serial port on your host PC (e.g. COM1/ttyS0).

RUN TERMINAL EMULATOR AND CONFIGURE SERIAL PORT

Run your favorite 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 STKa57xx WITH POWER

Double-check the mains voltage required for the included Power supply, then connect it to connector X23 on the MBa57xx.

Caution when using a different power supply! The Starterkit can be operated using a regulated supply voltage of 15-30V (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/stka57xx support.tq-group.com/tqma57xx

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DIP switch settings

Boot device selection

To select the desired boot device set DIP switches S1 and S2 accordingly.

Configuration SD Card

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

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

Configuration eMMC

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

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

Configuration QSPI NOR

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

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

Reset

To reset the Starterkit, press S8.