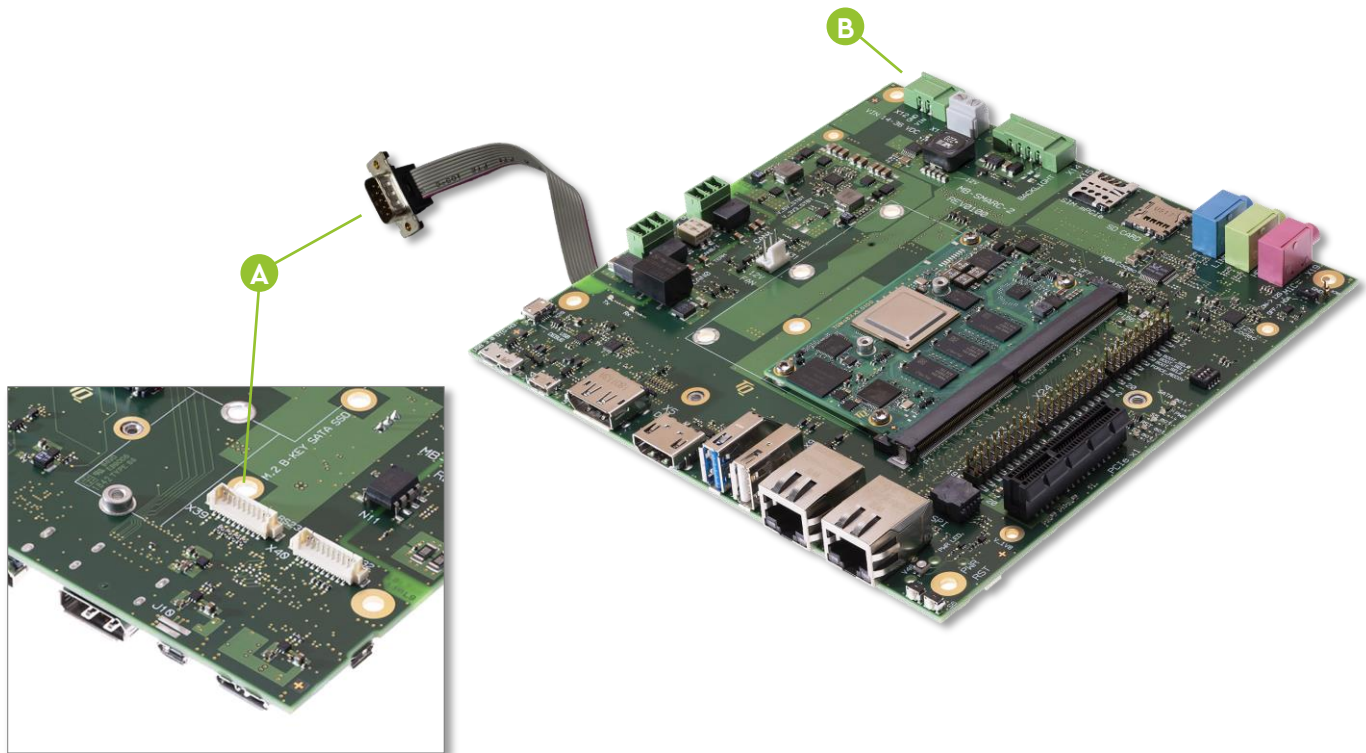


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A

CONNECT HOST PC AND STKa8XxS

Use the supplied DSUB adapter cable to connect X39 of the STKa8XxS (on the bottom of the carrier) and the null modem cable to a serial interface of 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 STKa8XxS WITH POWER

Double-check the mains voltage required for the included Power supply, then connect it to connector X12 on the STKa8XxS.

Caution when using a different power supply! The Starterkit Can be operated using a regulated supply voltage of 14-36V (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/stka8xxs Support.tq-group.com/tqma8XxS

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DIP switch settings

Boot device selection

To select the desired boot device set DIP switch S3 accordingly.

Configuration SD Card

S3				
DIP	1	2	3	4
Set	OFF	ON	ON	OFF

Configuration eMMC

S3				
DIP	1	2	3	4
Set	ON	OFF	OFF	OFF

Configuration SPI NOR

S3				
DIP	1	2	3	4
Set	ON	ON	OFF	OFF

Audio interface selection

Set DIP switch S1 to select an audio interface.

S1		
DIP	ON	OFF
1	I2S	HDA

Display interface selection

Set DIP switch S2 to select a display interface.

S2		
DIP	ON	OFF
1	DP (X47)	LVDS (x48) (default)

Reset

To reset the Starterkit, press S6.