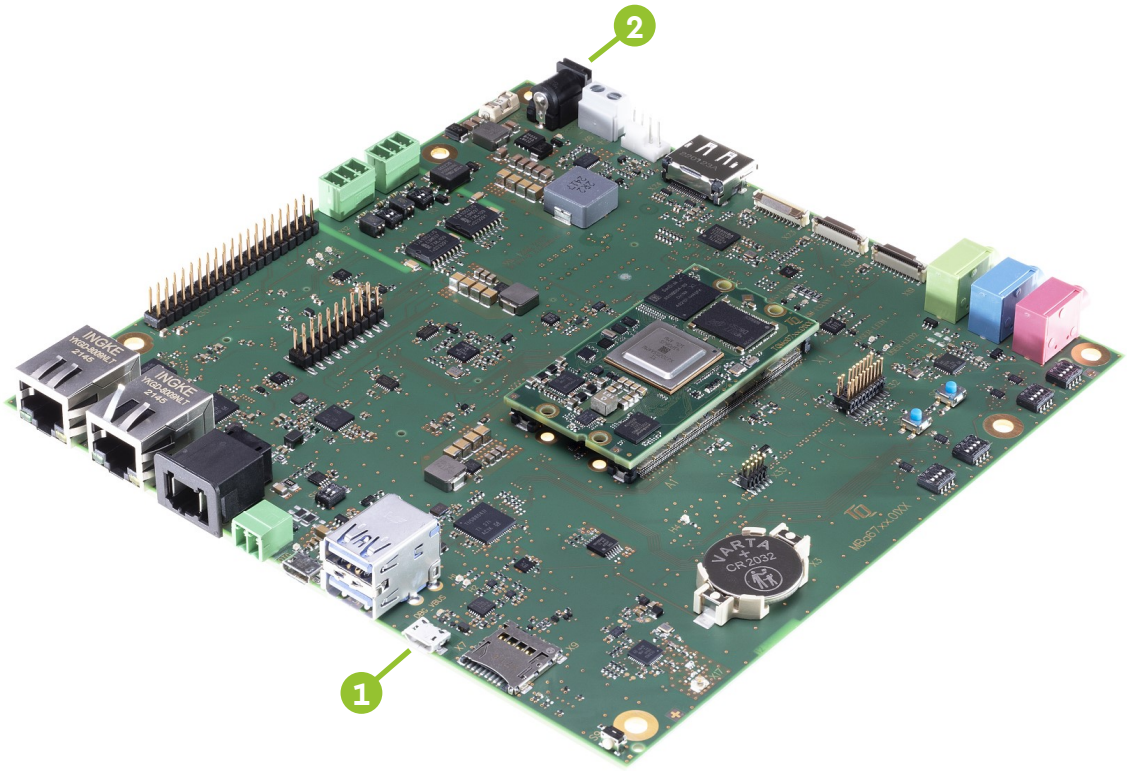
Quick-Start-Guide STKa67xx

Arm® architecture



1 CONNECT HOST PC AND STKNAME

Use the supplied USB cable (USB2.0 ST-A / Micro-B) to connect Debug USB (X7) of the STKa67xx 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.

Baudrate	115200
Data bits	8
Parity	none
Stop bits	1
Handshake	XON/XOFF

2 SUPPLY THE STK WITH POWER

Double-check the mains voltage required for the included Power supply, then connect it to connector X5 on the MBa67xx. Caution when using a different power supply! The Starterkit Can be operated using a regulated supply voltage of 16-30V (nom. 18V)!

ESTABLISH SERIAL CONNECTION

The boot messages of boot loader and operating system are displayed by the terminal emulator. When the kit has fully booted you can log in to the system with the username *root*.

! For latest documentation, BSPs, etc. please visit:

tq-group.com/en/products/tq-embedded/arm-architecture/STKa67xx

support.tq-group.com/TQMa67xx

Quick-Start-Guide STKa67xx

Arm® architecture

Boot device selection

To select the desired boot device set DIP switch **S4, S5, S6** and **S7** accordingly.

Configuration SD-Card

	S1				S2			
DIP	1	2	3	4	1	2	3	4
Set	ON	ON	OFF	OFF	OFF	OFF	ON	OFF

	S3				S4			
DIP	1	2	3	4	1	2	3	4
Set	OFF	ON	-	-	-	-	OFF	OFF

Configuration eMMC

	S1				S2			
DIP	1	2	3	4	1	2	3	4
Set	ON	ON	OFF	OFF	OFF	OFF	ON	OFF

	S3				S4			
DIP	1	2	3	4	1	2	3	4
Set	OFF	OFF	-	-	-	-	OFF	OFF

Configuration QSPI-NOR

	S1				S2			
DIP	1	2	3	4	1	2	3	4
Set	ON	ON	OFF	ON	ON	OFF	OFF	OFF

	S3				S4			
DIP	1	2	3	4	1	2	3	4
Set	ON	-	-	-	-	-	OFF	OFF