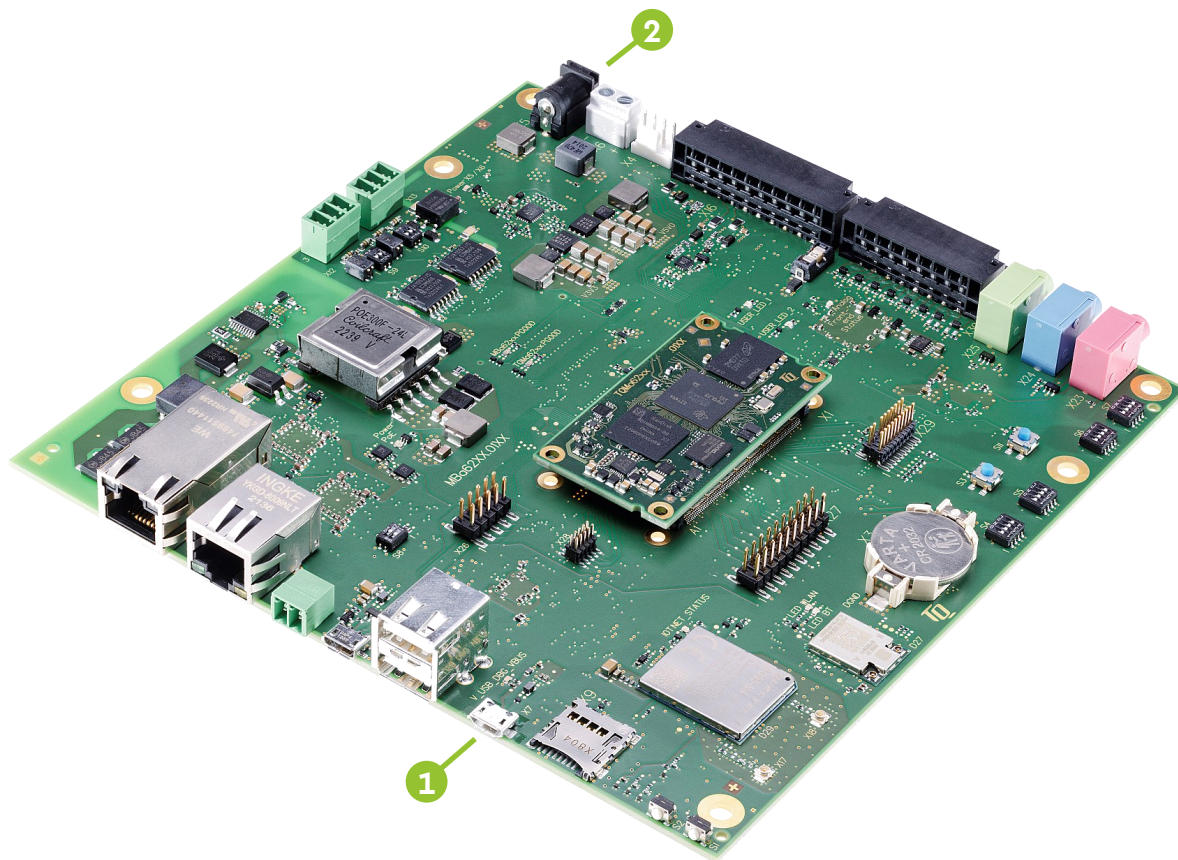


# Quick-Start-Guide STKa62xx

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 STKa62xx 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.

<b>Baudrate</b>	115200
<b>Data bits</b>	8
<b>Parity</b>	none
<b>Stop bits</b>	1
<b>Handshake</b>	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 MBa62xx. Caution when using a different power supply! The Starterkit Can be operated using a regulated supply voltage of 16-26V (nom. 24V)!

## 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/STKa62xx](http://tq-group.com/en/products/tq-embedded/arm-architecture/STKa62xx)  
[support.tq-group.com/TQMa62xx](http://support.tq-group.com/TQMa62xx)

# Quick-Start-Guide STKa62xx



## Arm® architecture

### Boot device selection

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

#### Configuration SD-Card

S4					S5			
DIP	1	2	3	4	1	2	3	4
Set	ON	ON	OFF	OFF	OFF	OFF	ON	OFF

S6				S7				
DIP	1	2	3	4	1	2	3	4
Set	OFF	ON	-	-	-	-	OFF	OFF

#### Configuration eMMC

S4					S5			
DIP	1	2	3	4	1	2	3	4
Set	ON	ON	OFF	OFF	OFF	OFF	ON	OFF

S6				S7				
DIP	1	2	3	4	1	2	3	4
Set	OFF	OFF	-	-	-	-	OFF	OFF

#### Configuration QSPI-NOR

S4					S5			
DIP	1	2	3	4	1	2	3	4
Set	ON	ON	OFF	ON	ON	OFF	OFF	OFF

S6				S7				
DIP	1	2	3	4	1	2	3	4
Set	ON	-	-	-	-	-	OFF	OFF