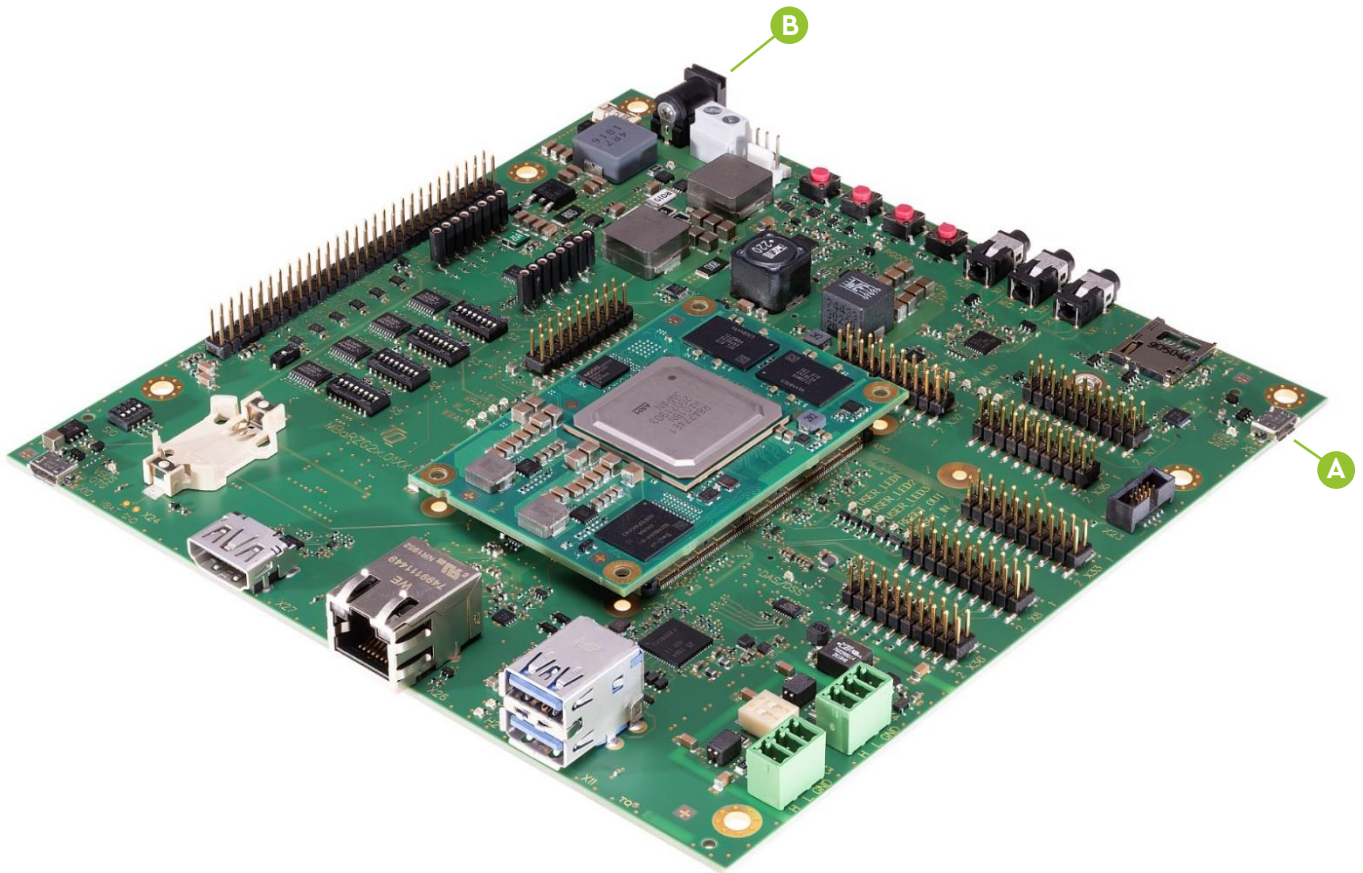


Quick-Start-Guide STKaRZG2x

Arm® architecture



A

CONNECT HOST PC AND STKaRZG2x

Use the supplied USB cable (USB2.0 ST-A / Micro-B) to connect Debug-USB (X9) of the STKaRZG2x 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 STKaRZG2x WITH POWER

Double-check the mains voltage required for the included Power supply, then connect it to connector X5 on the STKaRZG2x.

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.

! For latest documentation, BSPs, etc. please visit:
tq-group.com/en/products/tq-embedded/arm-architecture/STKaRZG2x Support.tq-group.com/TQMaRZG2x

Quick-Start-Guide STKaRZG2x

Arm® architecture



DIP switch settings

Boot device selection

To select the desired boot device set DIP switch S2 accordingly.

Configuration eMMC

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

Configuration QSPI-NOR

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

Reset

To reset the Starterkit, press S9.