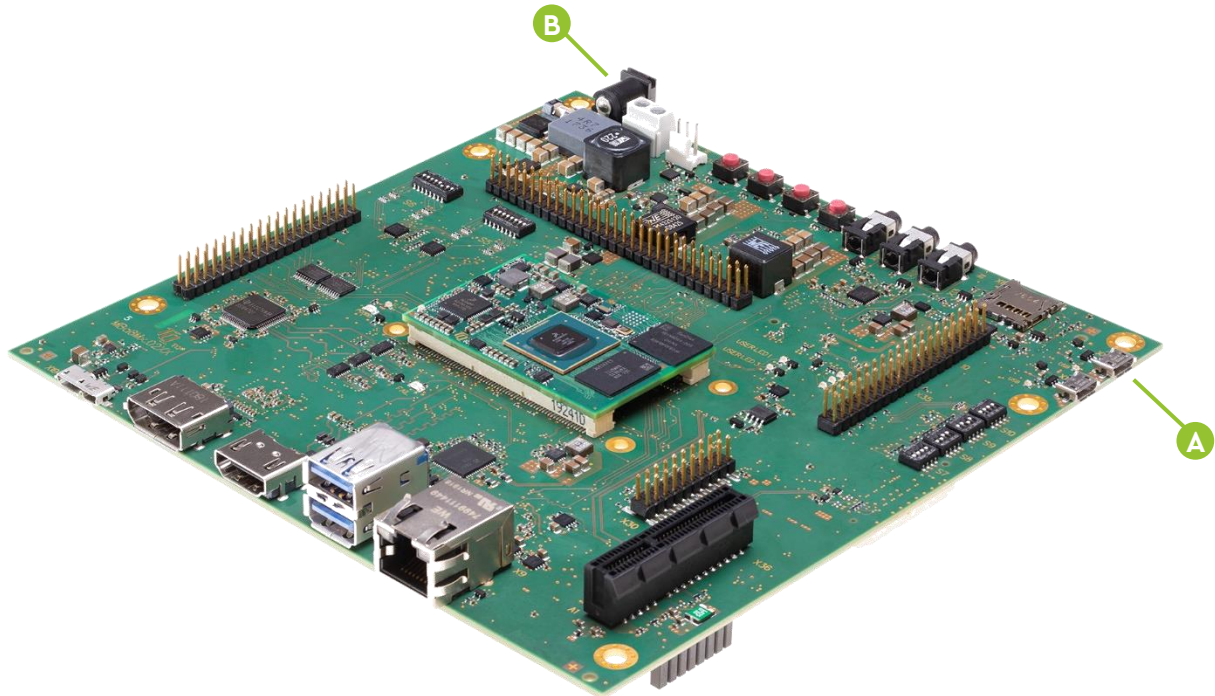


Quick-Start-Guide STKa8MxML

Arm® architecture



A

CONNECT HOST PC AND STKa8MxML

Use the supplied micro USB cable to connect X16 of the MBa8Mx to a USB port on your host. You will find two serial ports on the host PC (one for the debug output (Linux / U-boot) and one for the board controller output).

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 STKa8MxML WITH POWER

Double-check the mains voltage required for the included Power supply, then connect it to connector X4 on the MBa8Mx.

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/tqma8mxml Support.tq-group.com/tqma8mxml

Quick-Start-Guide STKa8MxML

Arm® architecture



Default DIP switch setting

S7					S8			
DIP	1	2	3	4	1	2	3	4
Set	ON	ON	ON	ON	OFF	OFF	OFF	OFF

S9				S10				
DIP	1	2	3	4	1	2	3	4
Set	OFF	ON	OFF	ON	ON	ON	OFF	OFF

Boot device selection

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

Configuration SD Card

S5								
DIP	1	2	3	4	5	6	7	8
Set	ON	OFF	ON	ON	OFF	ON	ON	ON

S6								
DIP	1	2	3	4	5	6	7	8
Set	ON	OFF	OFF	ON	OFF	ON	ON	ON

Configuration eMMC

S5								
DIP	1	2	3	4	5	6	7	8
Set	ON	OFF	ON	ON	ON	OFF	ON	ON

S6								
DIP	1	2	3	4	5	6	7	8
Set	ON	ON	ON	OFF	ON	OFF	ON	ON