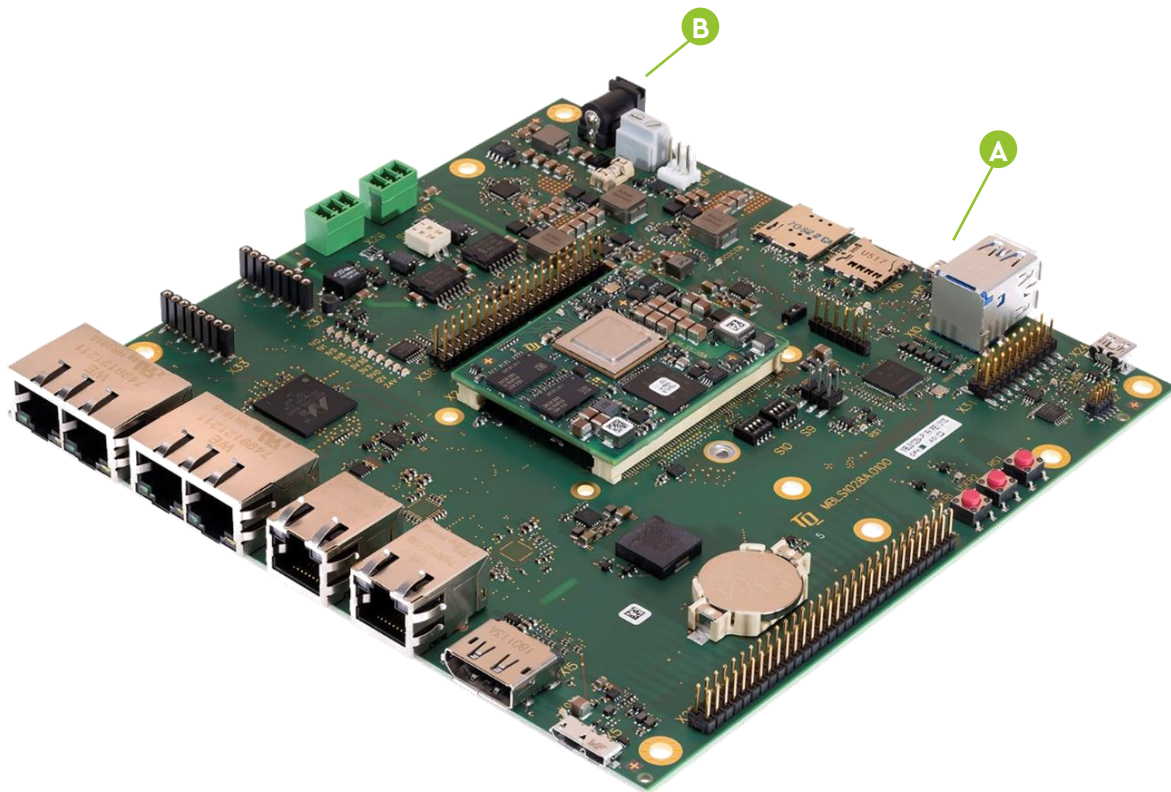


Quick-Start-Guide STKLS1028A

QorIQ® Layerscape



A

CONNECT HOST PC AND STKLS1028A

Use the supplied micro USB cable to connect X19 of the MBL51028A to a USB port on your host.

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 STKLS1028A WITH POWER

Double-check the mains voltage required for the included Power supply, then connect it to connector X3 on the STKLS1028A.

Caution when using a different power supply! The Starterkit can be operated using a regulated supply voltage of 18-28V (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/qorIQ-layerscape/stkls1028a Support.tq-group.com/tqmls1028a

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Default DIP switch setting

Boot device selection

To select the desired boot device set DIP switch **S9** accordingly.

Configuration SD Card

S9				
DIP	1	2	3	4
Set	OFF	OFF	OFF	OFF

Configuration eMMC

S9				
DIP	1	2	3	4
Set	ON	OFF	OFF	OFF

Configuration QSPI NOR

S9				
DIP	1	2	3	4
Set	OFF	ON	OFF	OFF

Signal Switch

S10				
DIP	1	2	3	4
Set	ON	ON	ON	OFF