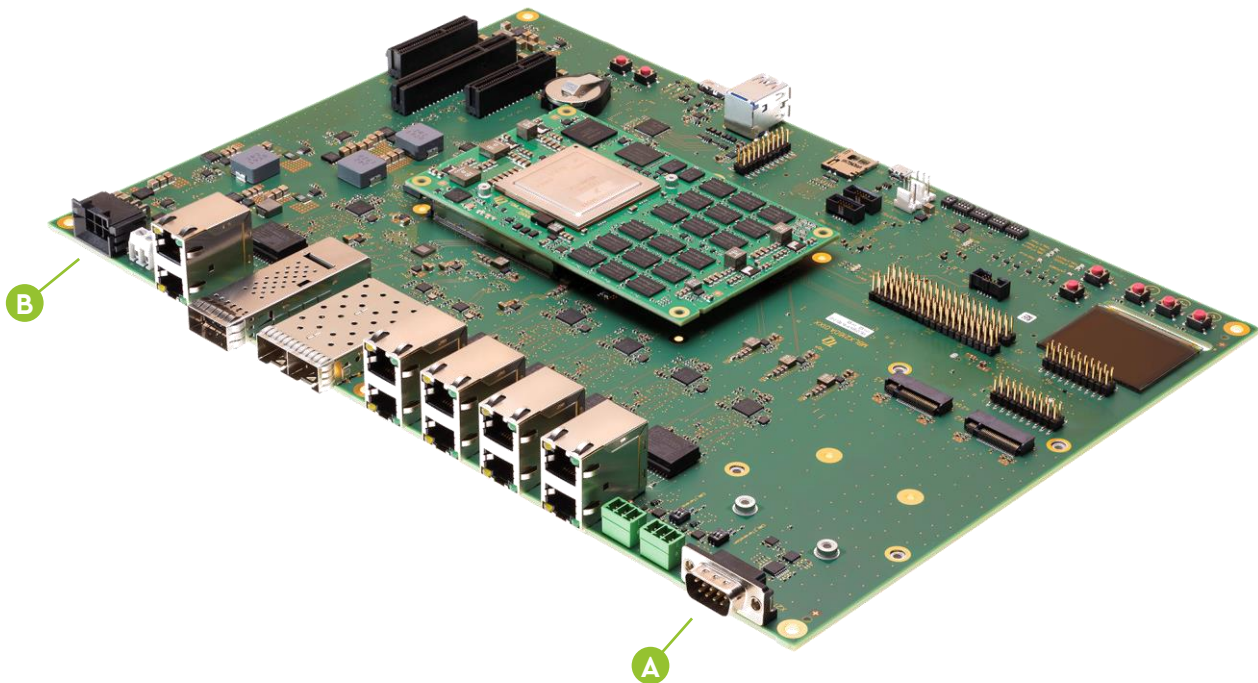


# Quick-Start-Guide STKLX2160A

QorIQ® Layerscape



## A CONNECT HOST PC AND STKLX2160A

Use the supplied null modem cable to connect COM1 of the STKLX2160A (X21) to a serial port on your host PC (e.g. COM1/ttyS0).

## 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:

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

## B SUPPLY THE STKLX2160A WITH POWER

Double-check the mains voltage required for the included Power supply, then connect it to connector X40 on the STKLX2160A.

Caution when using a different power supply! The Starterkit can be operated using a regulated supply voltage of 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/tqmlx2160a](http://tq-group.com/en/products/tq-embedded/qoriq-layerscape/tqmlx2160a)    [Support.tq-group.com/tqmlx2160a](http://Support.tq-group.com/tqmlx2160a)

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## Default DIP switch setting

### Boot device selection

To select the desired boot device set DIP switch **S1** accordingly.

#### Configuration SD Card

S1				
DIP	1	2	3	4
Set	ON	OFF	OFF	X

#### Configuration eMMC

S1				
DIP	1	2	3	4
Set	OFF	ON	OFF	X

#### Configuration NOR Flash

S1				
DIP	1	2	3	4
Set	OFF	OFF	OFF	X