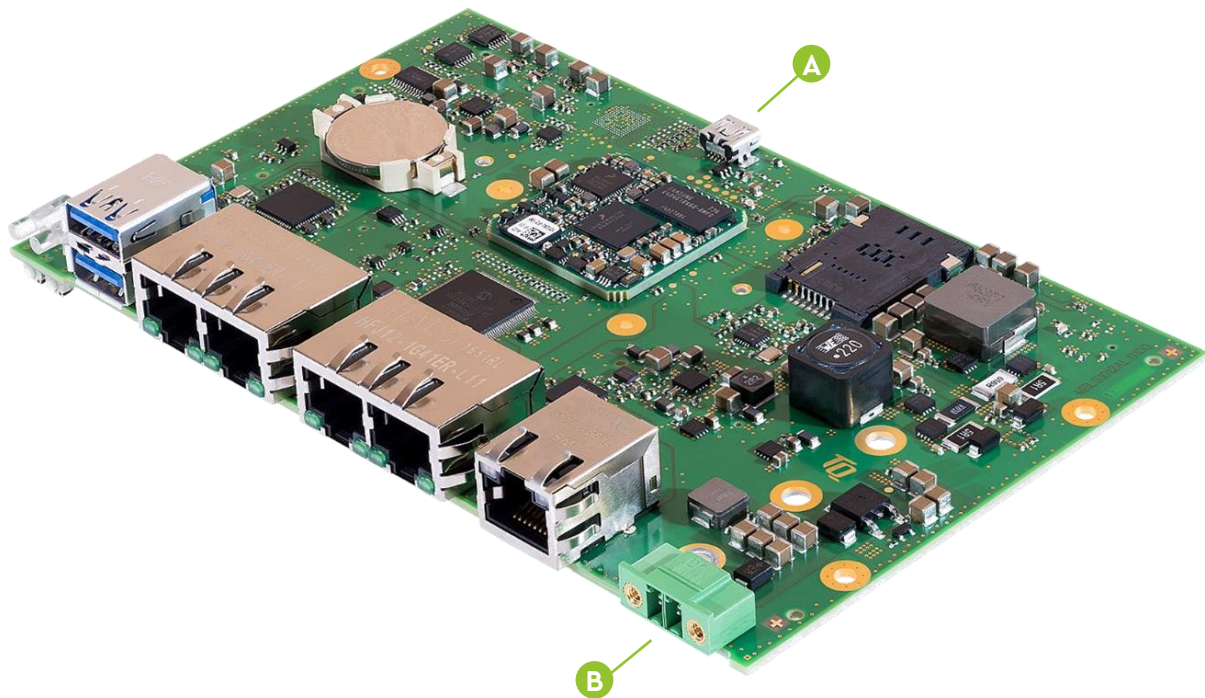


# Quick-Start-Guide STKLS1012AL

QorIQ® Layerscape



**A**

## CONNECT HOST PC AND STKLS1012AL

Use the supplied mini USB cable to connect USB Debug of the STKLS1012AL (X25) to a USB Port on your host PC (e.g. COMx/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 STKLS1012AL WITH POWER

Double-check the mains voltage required for the included Power supply, then connect it to connector X14 on the STKLS1012AL.

Caution when using a different power supply! The Starterkit can be operated using a regulated supply voltage of 16-28V (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/tqmls1012al](http://tq-group.com/en/products/tq-embedded/qoriq-layerscape/tqmls1012al)  
[tq-group.com/en/products/tq-embedded/qoriq-layerscape/mbls1012al](http://tq-group.com/en/products/tq-embedded/qoriq-layerscape/mbls1012al)

[Support.tq-group.com/tqmls1012al](http://Support.tq-group.com/tqmls1012al)  
[Support.tq-group.com/mbls1012al](http://Support.tq-group.com/mbls1012al)

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## DIP switch setting

### Default Configuration

	S1			
DIP	1	2	3	4
Set	OFF	ON	ON	OFF

### MBLS1012AL Configuration DIP S1

	S1	
DIP	ON	OFF
1	Hard-coded RCW enabled	Hard-coded RCW disabled
2	Short RESET_REQ# and RESET#	Isolate RESET_REQ# from RESET#
3	Debug-UART on USB / pin header	Debug-UART on OpenSDA
4	CPU-JTAG disabled	CPU-JTAG enabled