

# CRX06-TSN

Fits our Layerscape® Family Members:

- miriac® MPX-LS1046A
- miriac® MPX-LS1043A
- miriac® MPX-LS1088A

- 8x 1GbE TSN / IEEE 1588
- 2x USB 3.0
- 1x miniUSB debug



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Find out more about our CRX6-TSN below:



## Fitting modules and features

<b>Ethernet</b>	<b>LS1088A</b>	<b>LS1046A</b>	<b>LS1043A</b>
TSN	Y	Y	Y
TSN / IEEE 1588	8x 1 Gbit TSN	8x 1 Gbit TSN	8x 1 Gbit TSN
10GbE	2x	2x	1x
1GbE	8x	6x	4x
<b>High Speed</b>	<b>LS1088A</b>	<b>LS1046A</b>	<b>LS1043A</b>
USB 3.0	2x	2x	2x
miniUSB	1x debug	1x debug	1x debug

PCIe	1x PCIe x4/x1 via edge card connector	1x PCIe x4/x1 via edge card connector	1x PCIe x2/x1 via edge card connector
<b>IO</b>	<b>LS1088A</b>	<b>LS1046A</b>	<b>LS1043A</b>
I2C	1x	1x	1x
FlexSPI	1x	1x	1x
UART	3x	3x	3x
<b>Additional</b>	<b>LS1088A</b>	<b>LS1046A</b>	<b>LS1043A</b>
Reset push button	Yes	Yes	Yes
Status LEDs	2x red, 1x green	2x red, 1x green	2x red, 1x green
User LEDs	4x RGB LED	4x RGB LED	4x RGB LED
<b>Additional</b>	<b>LS1088A</b>	<b>LS1046A</b>	<b>LS1043A</b>
Power Supply Voltage	Single 9 to 36 V DC input supply voltage range	Single 9 to 36 V DC input supply voltage range	Single 9 to 36 V DC input supply voltage range
<b>Additional</b>	<b>LS1088A</b>	<b>LS1046A</b>	<b>LS1043A</b>
Dimensions	220 mm x 150 mm	220 mm x 150 mm	220 mm x 150 mm

Our standard product versions offer what we consider to be the optimum configuration in terms of performance, price, usage and TDP. The product features lists specify the maximum range of functions per interface. However, not all interfaces or functions are always available in parallel. Flexible SERDES multiplexing is one of the reasons for this. In addition, we provide multiple memory expansion options and are also happy to accommodate specific customer wishes. So do not hesitate to contact us directly to discuss your desired configuration.

## Take a look at related products

