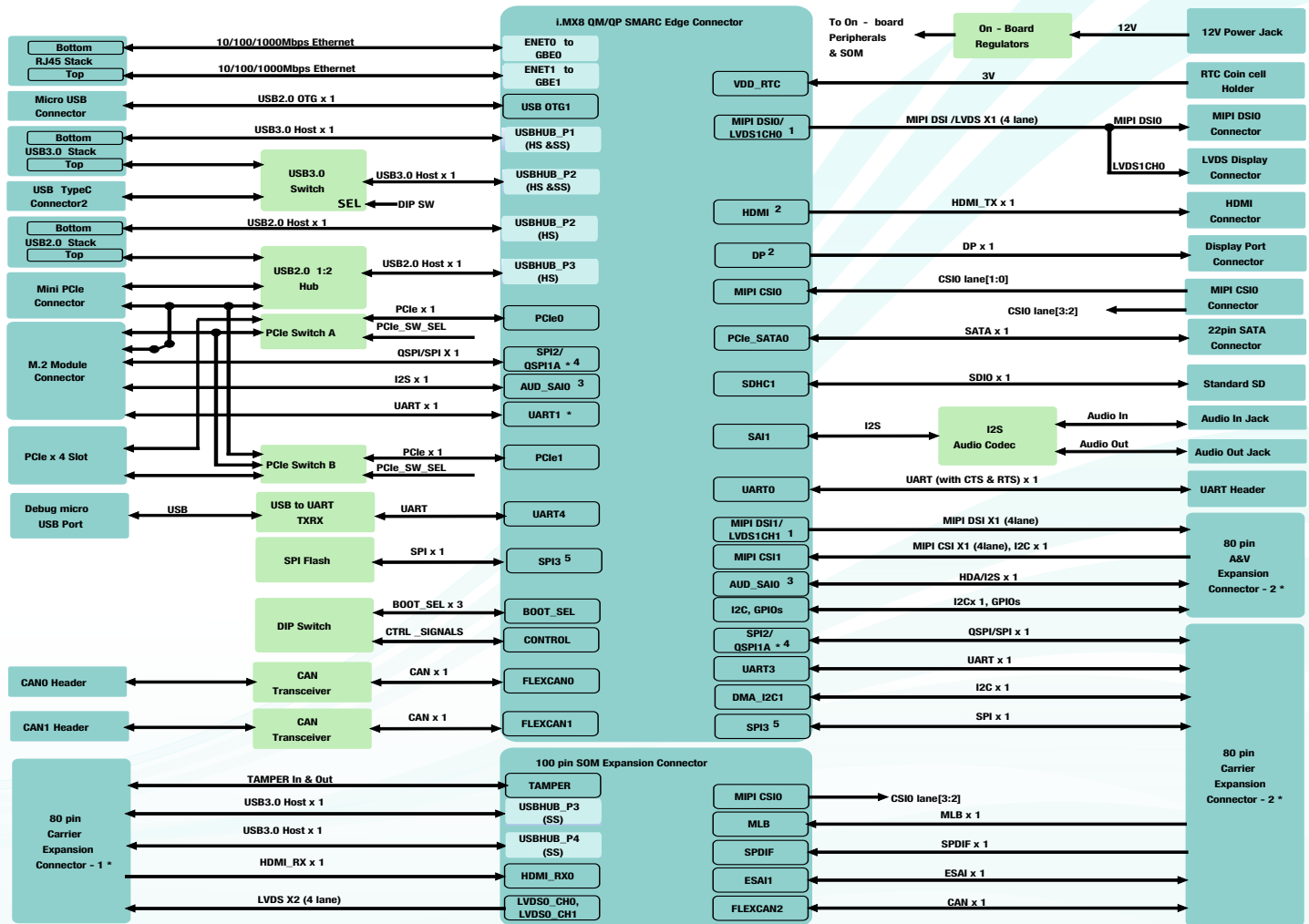


i.MX 8 QM/QP SMARC Development Board - Block Diagram



Note: * Optional

1. Either MIPI_DSI or LVDS can be supported on SOM, in default configuration MIPI_DSI is supported.
2. Either HDMI or DP can be supported on SOM, in default configuration HDMI is supported.
3. Shared between M.2 Connector and A&V Expansion Connector
4. Shared between M.2 Connector and Expansion Connector-2
5. Shared between SPI Flash and Expansion Connector-2

OS SUPPORT

Linux 5.10.52
Android 11
Ubuntu 20.04 LTS
QNX 7

DELIVERABLES

i.MX 8 QM SMARC Development Kit
Hardware User Manuals

OPTIONAL KITS/Modules

SMARC HeatSink/ Heat Spreader
Security Suite (Optional)

CUSTOM DEVELOPMENT

BSP Development/OS Porting
Custom SOM/Carrier Development
Custom Application/GUI Development
Design Review and Support

iWave Systems Technologies, established in 1999, focuses on Product Engineering Services involving Embedded Hardware, Software & FPGA. The company designs and develops cutting edge products and solutions. iWave has been an innovator in the development of highly integrated, high performance, low power and low cost System On Modules and Development Platforms. iWave's expertise has brought out multiple SOMs based on ARM NXP, Intel Atom, Marvell and TI Processors.

iWave System has won the confidence of its customers over the years by being a reliable partner in developing innovative products. Our engineers combine outstanding System design experience to deliver Quality Solutions. iWave specializes across Industrial, Automotive and Medical domains. We support our customers by being time efficient, which in turn helps our customers accelerate time to market their products. iWave is a Windows embedded Silver partner and a winner of the Partner Excellence Award.

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Ordering the i.MX 8 QM SMARC Kit

The device can be ordered online from the iWave Website
<https://www.iwavesystems.com/product/i-mx-8-qm-qp-smarc-som/>
Or from our Local Partners in your region
<http://www.iwavesystems.com/about-us/business-partner.html>

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