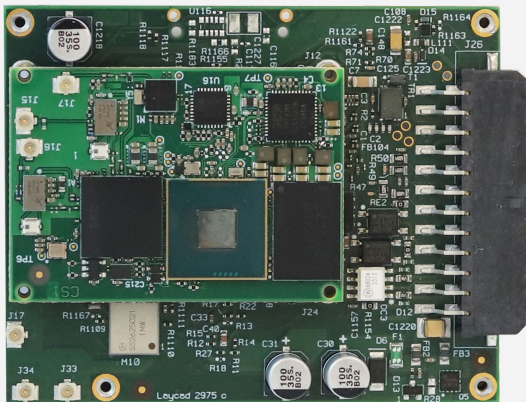


HummingBoard i.MX 8XLITE SBC

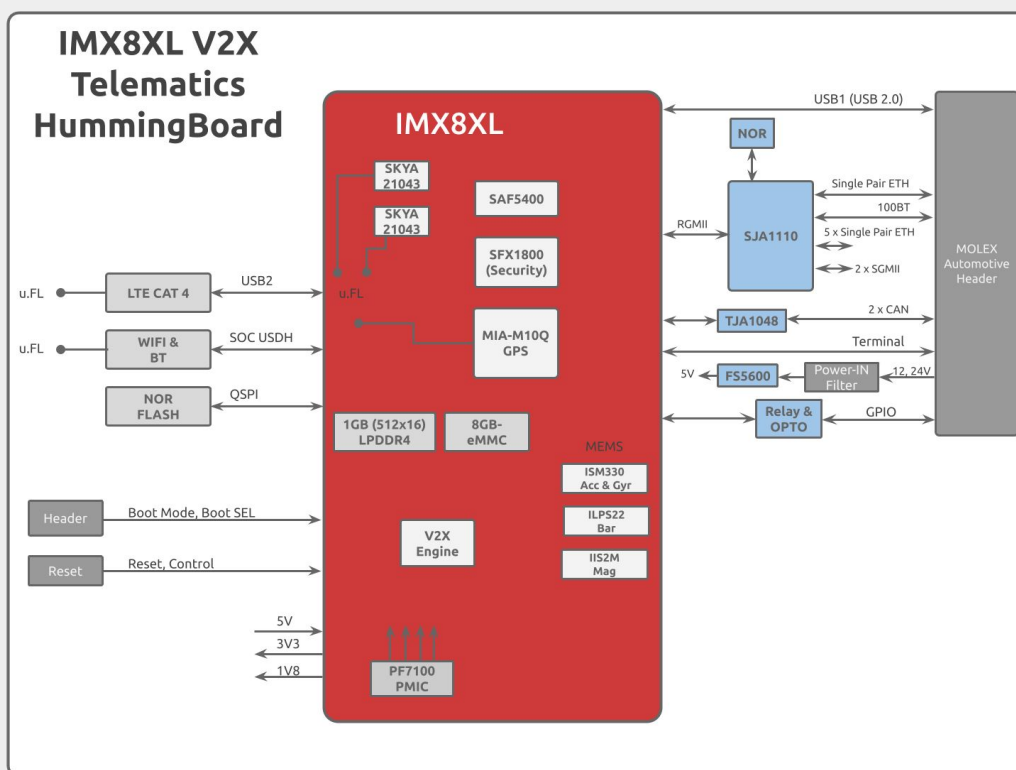
2 x Arm Cortex-A35, 1 x Cortex-M4F, 1.2GHz



- Up to 2 x Arm Cortex-A35, 1 x Cortex-M4F, 1.2GHz
- Built-in V2X and V2I capabilities
- Supports Ethernet, CAN, PCIe, and USB 2.0 for advanced communications
- Small form factor and low power consumption



HummingBoard iMX 8XLite V2X Telematics	
I/Os	All I/O on 50 pins automotive Molex connector: <ul style="list-style-type: none">- Power- 1xUSB2.0- Ethernet 100BT- Ethernet T1- 2xCAN-FD- 2x GPIO IN on optocouplers- 2x GPIO OUT on relay
Networking	1 x 100BASE-T1 Automotive Ethernet 1 x 100BASE-T 1 x 802.11 a/b/g/n/ac WiFi and Bluetooth5 (2.4/5 GHz) with u-FL antenna connector 1 x Cellular 4G with fallback on 3G/2G with SIM holder. 2x u-FL antenna connectors
Processor	NXP i.MX 8XLite Dual core Arm Cortex A35 automotive with IEEE802.11P transceiver, security, GNSS M10Q and IMU 9 axis
Memory & Storage	1GB LPDDR4 (default) up to 2GB LPDDR4 From 8GB eMMC
Misc.	Reset Button RTC with battery
Power	7-36V with RP protection and power cranking management on Molex connector
Temperature	Industrial: -40°C to 85°C
Dimensions	PCBA: 60 x 78mm
Enclosure	Contact Sales



Ordering Information

Available on Shop

SKU	Description

- To choose your ideal configuration see our [Product Configurator Tool](#)

Accessories:

SKU	Description

Kits

SKU	Description

For more information about the i.MX 8XLite SOM
Software/Hardware visit our:

Developer Center