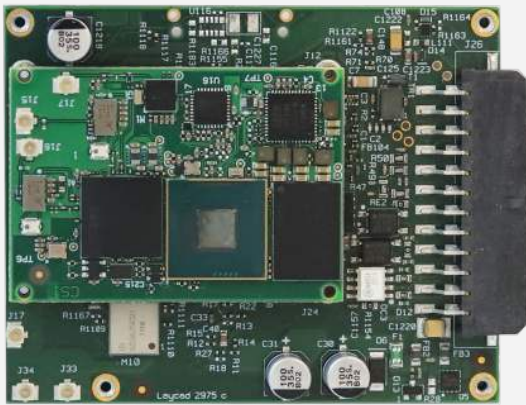


HummingBoard i.MX 8XLITE SBC

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

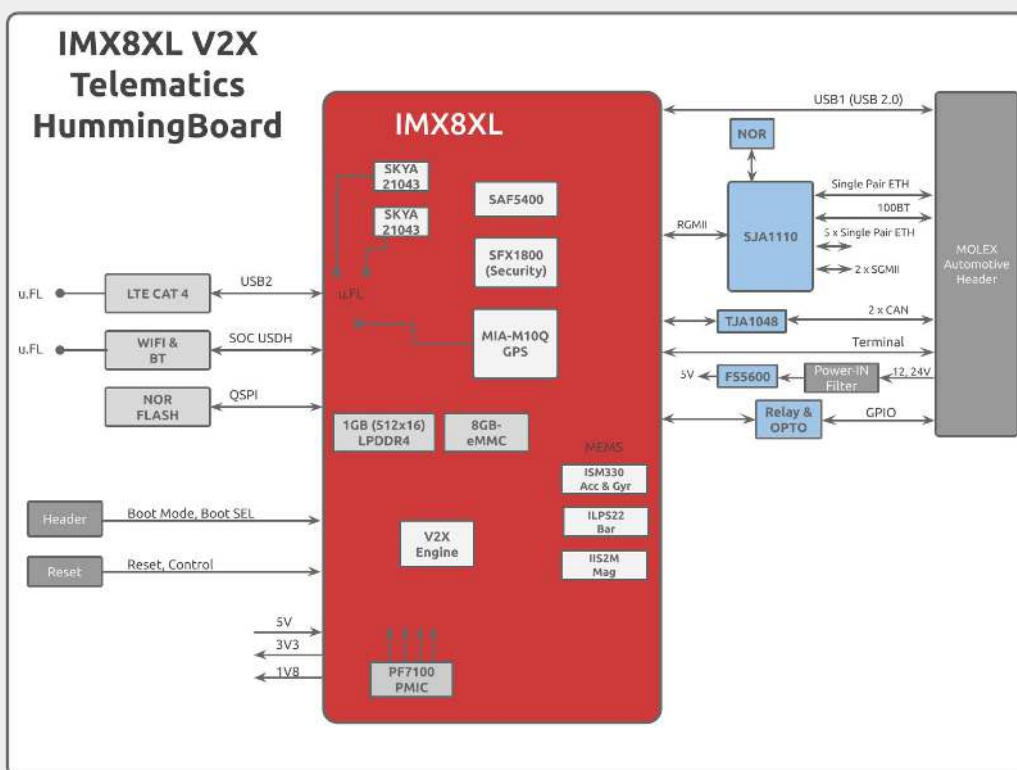


- Up to 2 x Arm Cortex-A35, 1 x Cortex-M4F, 1.2GHz
- Built-in V2X and V2I capabilities
- Supports Ethernet, CAN, PCIe, and USB 2.0 for advanced communications
- Small form factor and low power consumption



HummingBoard iMX 8XLite V2X Telematics

I/Os	All I/O on 50 pins automotive Molex connector: - 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	
Kit	Description
Buy Now	Up to 2 x Arm Cortex-A35, 1 x Cortex-M4F, 1.2GHz. With a built-in V2X and V2I capabilities. Supports Ethernet, CAN, PCIe, and USB 2.0 for advanced communications and small form factor and low power consumption.
	Includes i.MX 8XLite Dual SOM HummingBoard i.MX 8XLite V2X Addon Board Heatsink Interface Cable

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

[Developer Center](#)