XB Internal Photos - 1

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Version History

Version	Date	Comment	Author
1	09/07/12	First version	CBO
2	10/07/12	Higher Resolution Photos	CBO
3	10/09/12	Seperate Documents to accoomdate FCC size restrictions	CBO

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Product Identification

| Product Family	XB Series
Manufacturer	Vesper Marine Ltd
Model Number s	**XB9000, XB8000, XB6000***
Power Supply	12-24V DC
VHF Frequency Range	161.500 – 162.025 MHz TX 156.025 – 162.025 MHz RX
Transmit Power	33dBm (2W)
Modulation Technique	FM GMSK
Channel Spacing	25kHz
Temperature Range	-25 - +55 deg C
Intended Users	General Public
Enclosure	Ipx7
Wireless connectivity	802.11 b/g (XB9000 and XB8000 only)

XB-6000 is a deconfigured variant of the XB-8000 as it does not include the User Interface Processor board but is otherwise identical.
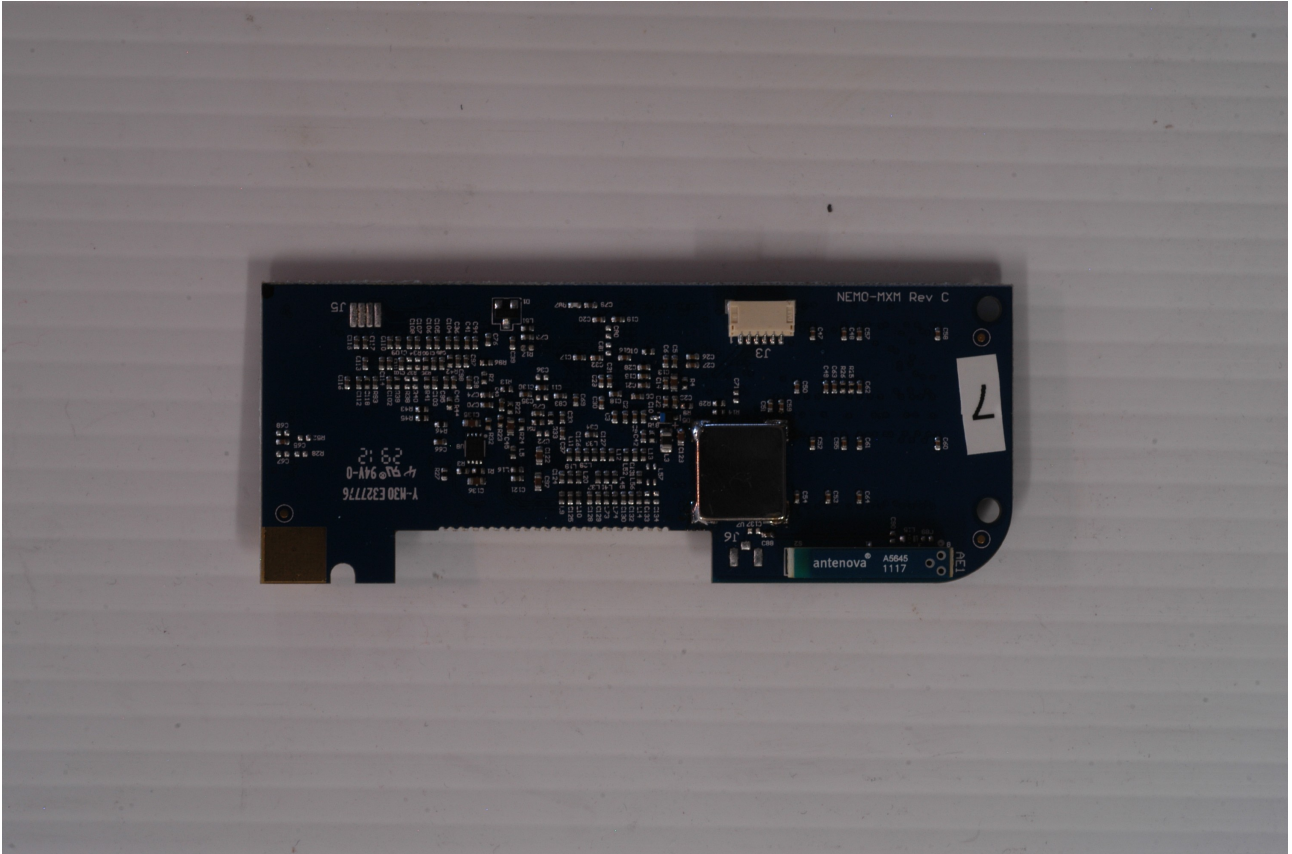
Internal Photos - PCB Assemblies

XB User Interface Processor
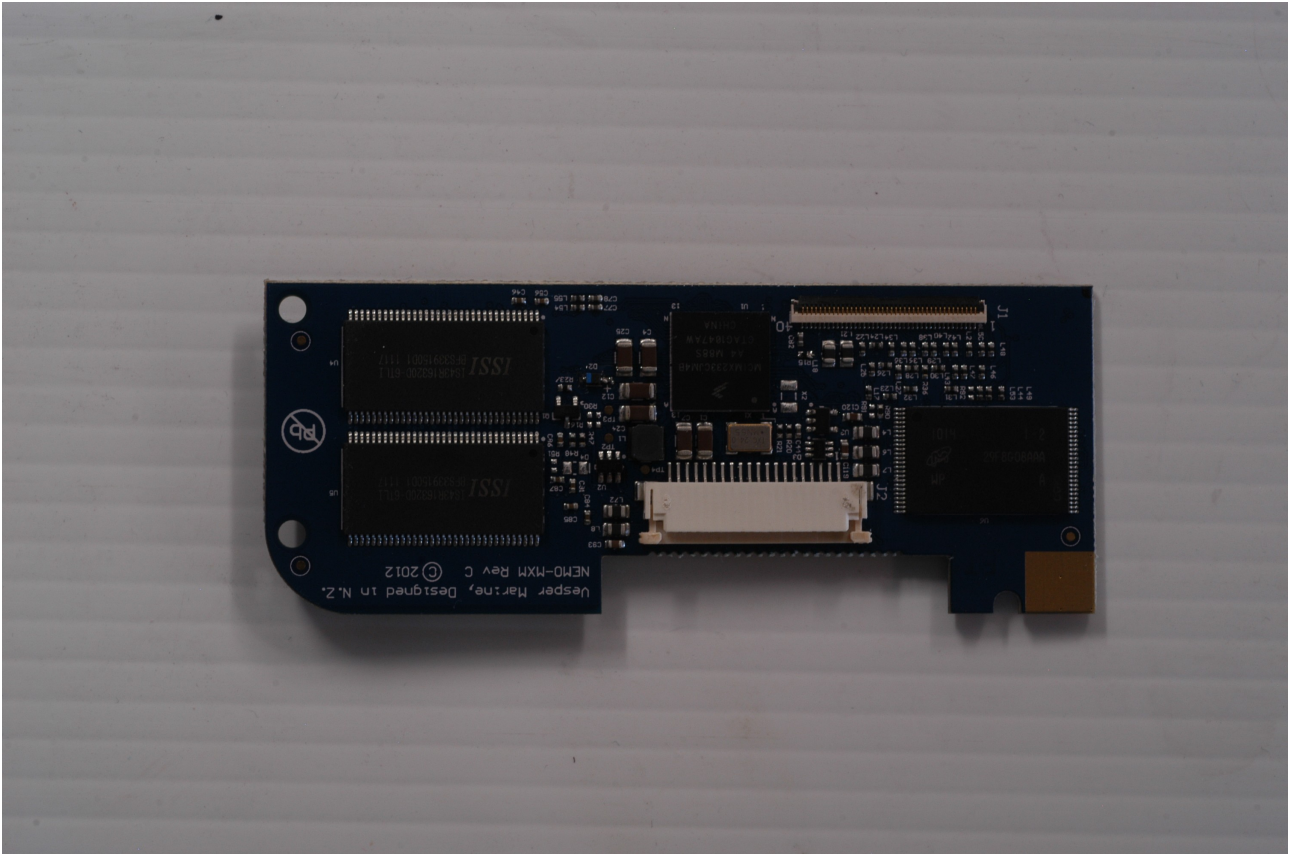
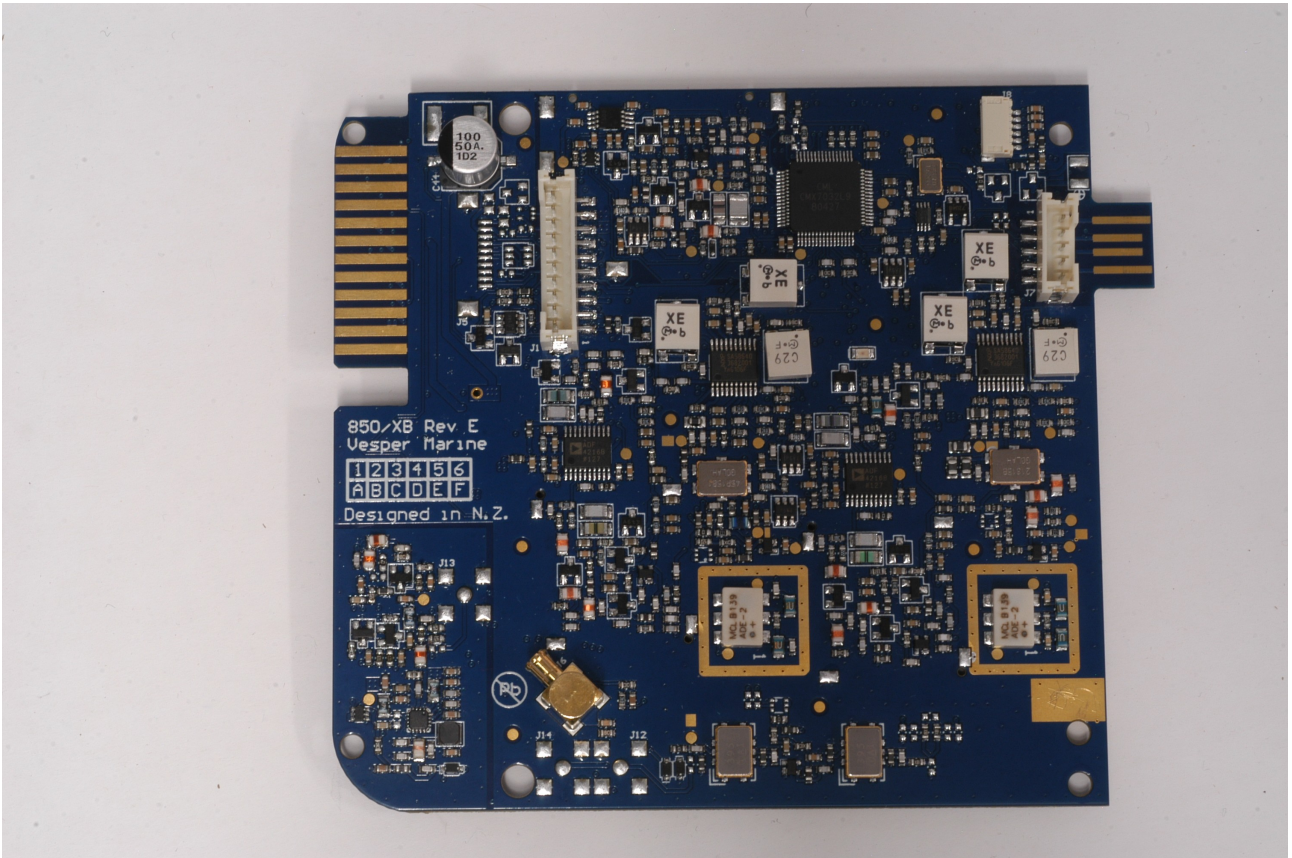XB User Interface Processor – Top side
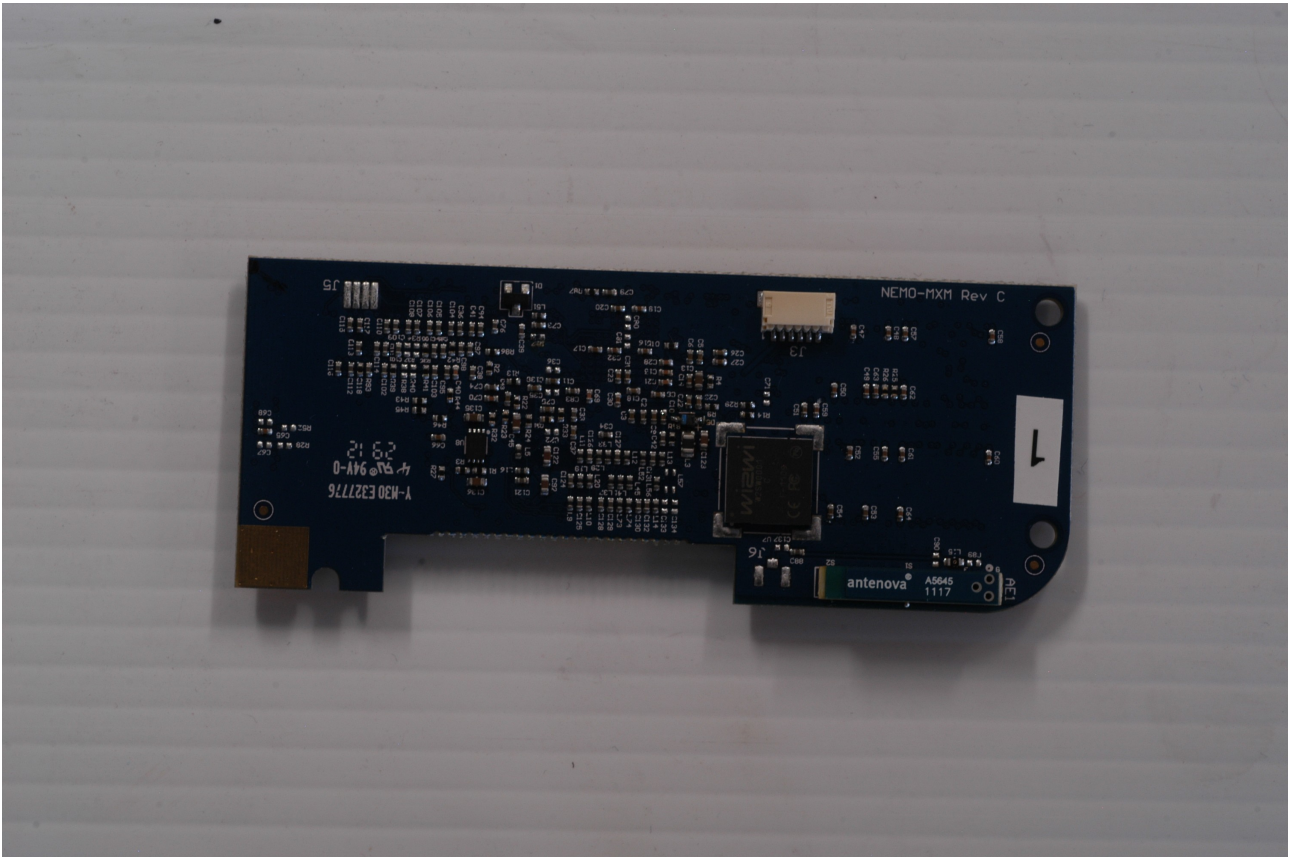
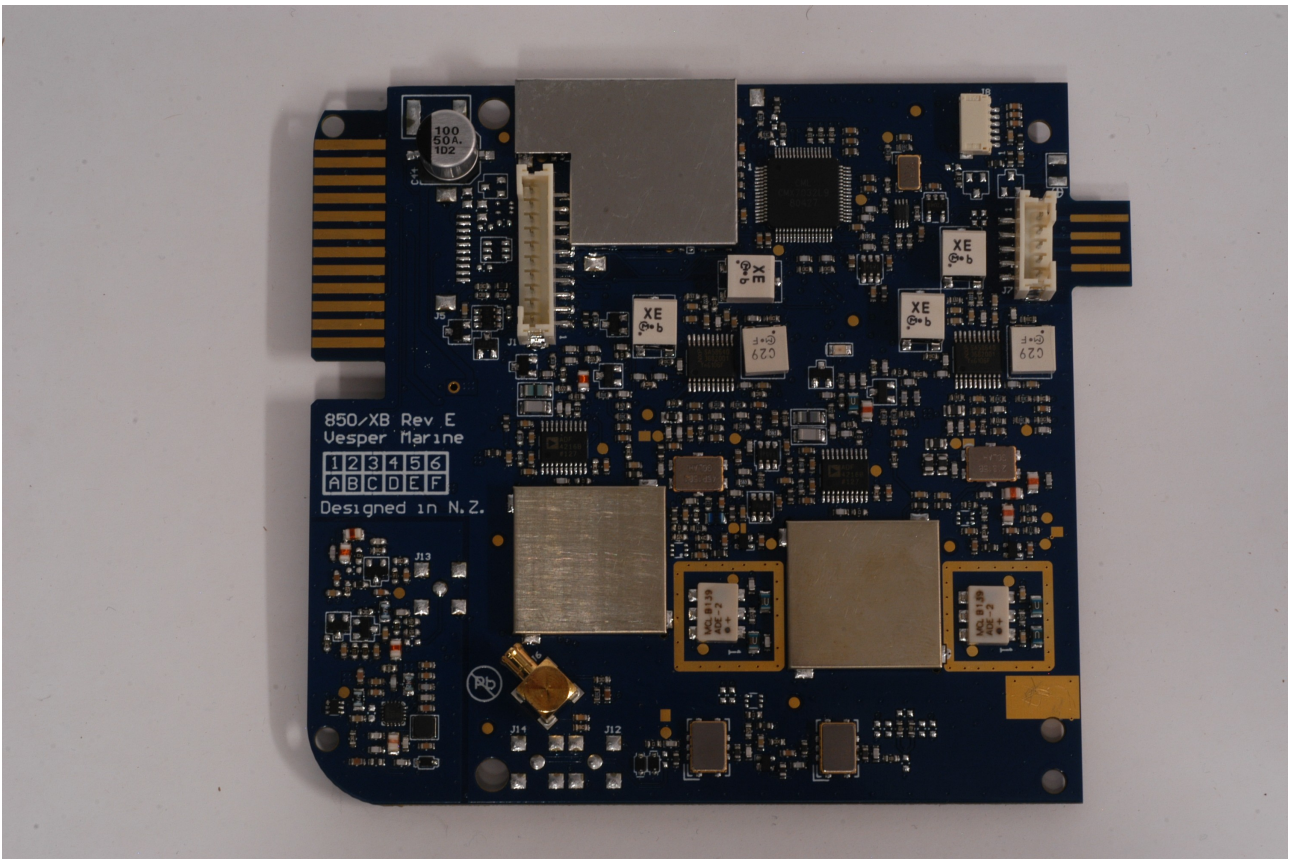XB User Interface Processor – Bottom side

XB User Interface Processor (WiFi Shield Loaded) – Bottom side
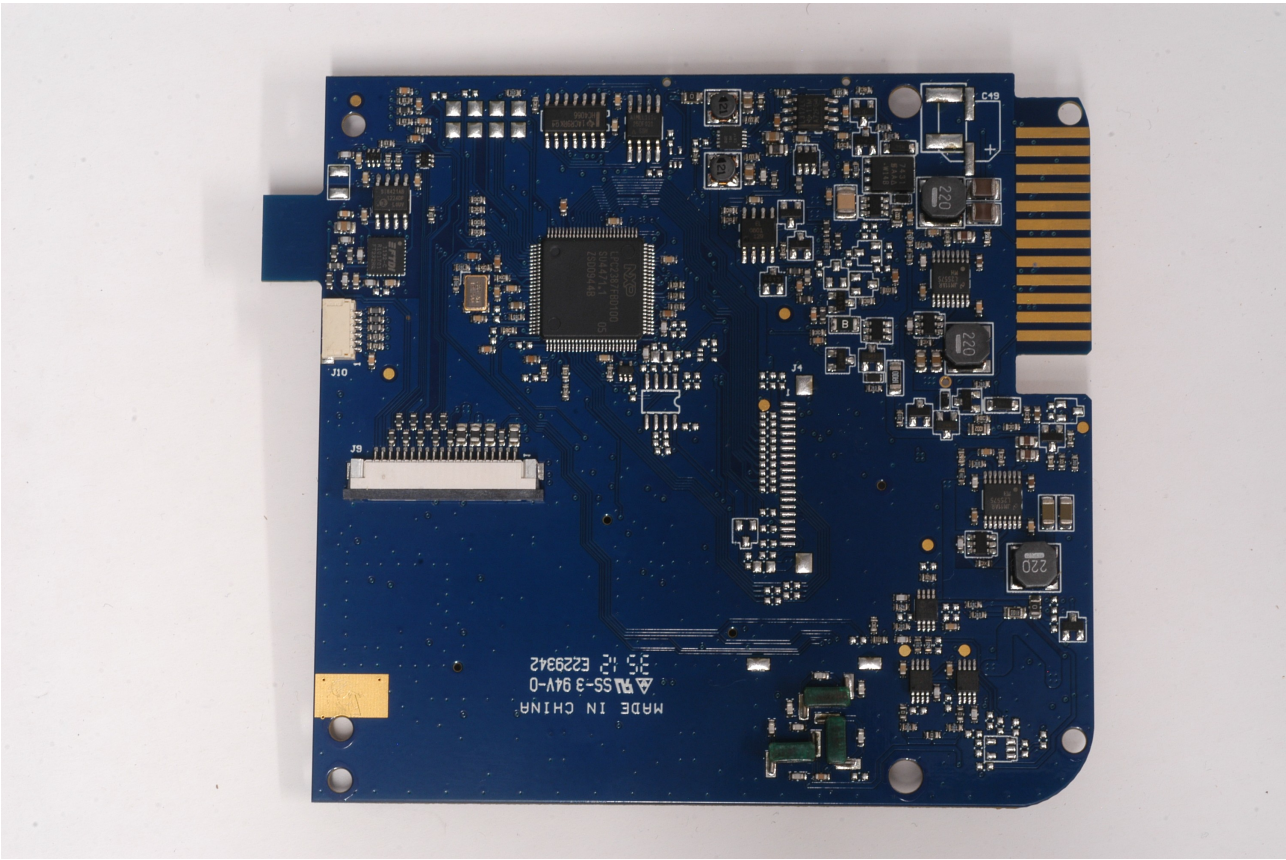
WMX850 AIS Engine
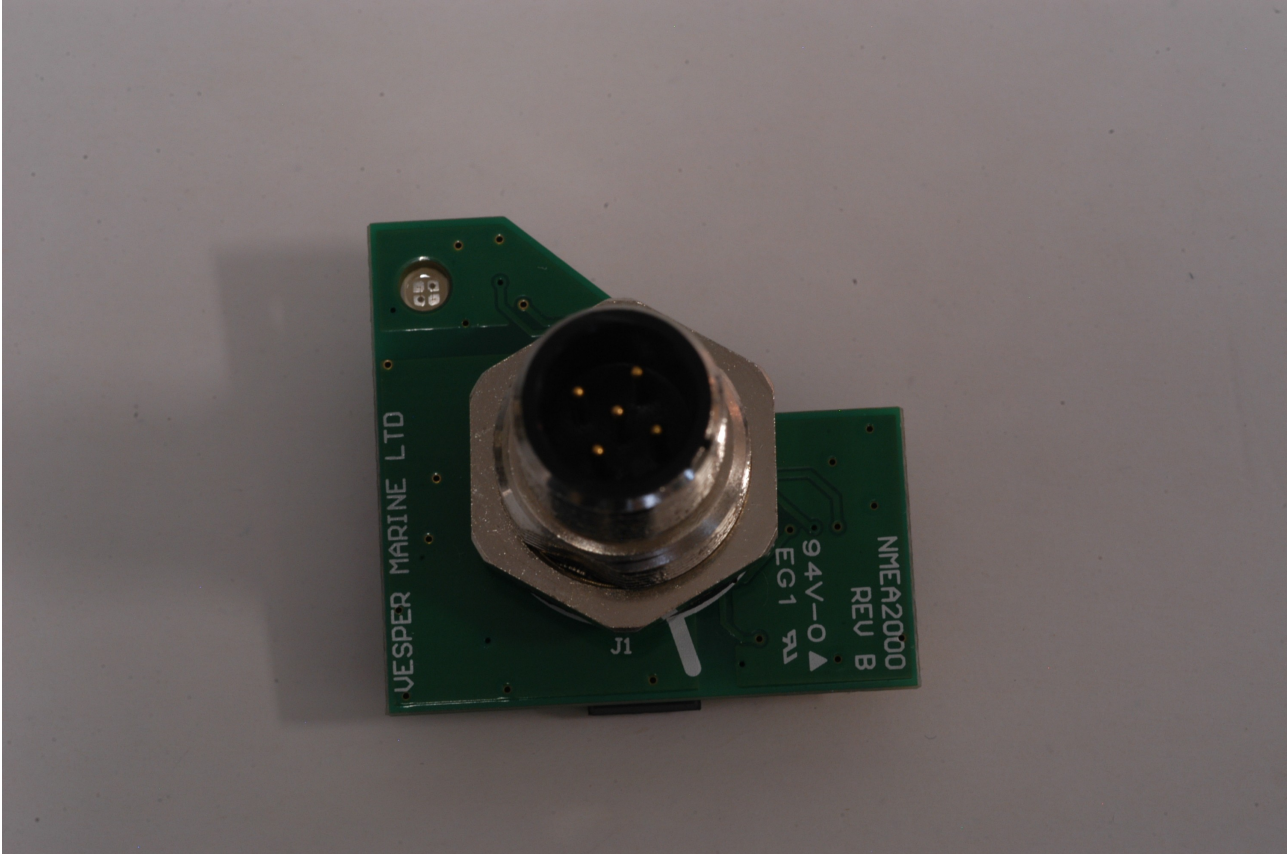

WMX850 AIS Engine – Top side (Shields removed)
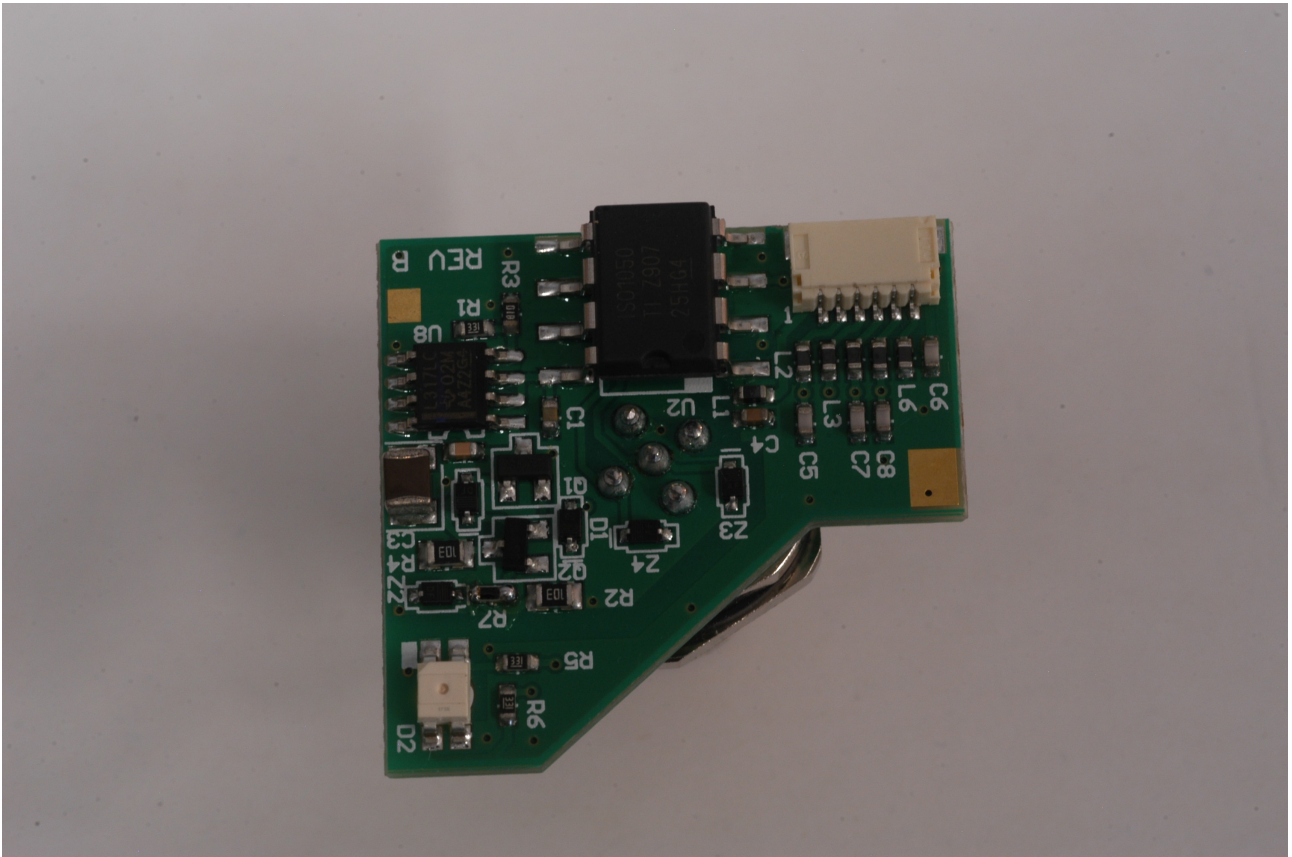
WMX850 AIS Engine – Top side (Shields fitted)

WMX850 AIS Engine – Bottom side

NMEA 2000 Interface

NMEA 2000 Interface – Bottom Side

NMEA 2000 Interface – Top Side