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## Life Racing F88RS ECU

<b>Processing</b>	Powerful RISC CPU for advanced strategy execution Custom synchronous processor for engine position tracking and output diagnostics
<b>Outputs</b>	16 general purpose Pulse Width Modulated power outputs, including: Up to 4 ignition coil outputs Up to 12 fuel injector outputs
<b>Inputs</b>	22 general purpose analogue sensor inputs, including up to 4 bipolar, inductive or hall effect speed / engine position inputs  1 wide band (NTK) lambda sensor interface
<b>Interfaces</b>	100 MHz full duplex Ethernet for calibration, configuration and data download  2 CAN 2.0B interfaces for communication with other controllers or logging systems  RS232 serial interface for communication with other controllers or logging systems
<b>Memory</b>	1MB battery backed internal logging memory; download via Ethernet
<b>Power Supply</b>	6 to 26V input voltage range with reverse polarity protection  2 regulated 5V sensor supply outputs with individual short circuit protection  Unregulated sensor supply output which tracks the ECU supply voltage with nominal 17V clamp  5 separately protected sensor and communication ground inputs
<b>Physical</b>	88 pin automotive connector  CNC machined, 'O' ring sealed, anodised aluminium case  Maximum dimensions including the connectors are 178 x 122 x 36 mm  Total mass is 495 grams