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Life Racing F42R ECU

Processing	Powerful RISC CPU for advanced strategy execution Synchronous processor for engine position tracking and output diagnostics
Outputs	14 general purpose Pulse Width Modulated power outputs, including: Up to 4 ignition coil outputs Up to 6 fuel injector outputs
Inputs	8 general purpose analogue sensor inputs, including up to 4 bipolar, 2 dedicated inductive or hall effect speed / engine position inputs 1 wide band (NTK) lambda sensor interface
Interfaces	100 MHz full duplex Ethernet for calibration, configuration and data download 1 CAN 2.0B interfaces for communication with other controllers or logging systems RS232 serial interface for communication with other controllers or logging systems
Memory	Internal logging memory; download via Ethernet 1Mbyte, 4Mbyte, 8Mbyte
Power Supply	6.3V to 36V input voltage range with reverse polarity protection 1 regulated 5V sensor supply output with individual short circuit protection Separately protected sensor and communication ground inputs
Physical	42 pin automotive connector Machined Aluminium sealed case Maximum dimensions including the connectors are 135 x 118 x 42 mm Total mass approx 0.35kg
Applications	All 4 stroke and 2 stroke engines plus rotary engines. Max RPM 25,000