

T-SERIES ECU

T2



- Wideband Lambda control
- Up to 4 cylinders
- 13 inputs
- 8 outputs
- 5 control strategies
- IP67 extruded aluminium case

The T2 is a full management ECU which is ideal for 4-cylinder engines that have no requirement for more advanced features such as continuously variable camshaft control, traction control etc. It features flat-shift, launch control, VTEC control and full, closed-loop wideband lambda control.

T-Series engine control units are powered by an all-new, automotive specific, multi-core processor. They feature Bosch lambda controllers for maximum accuracy, multiple safety redundancies, high resolution map tables, fully configurable I/O and up to 32Mb of up to 1Khz logging with compression algorithms for fast log downloads. The PC software has a user-friendly, responsive design for better readability on high resolution monitors using high scaling (DPI). It features a full oscilloscope for crankshaft/camshaft signal analysis and allows firmware to be upgraded without special cables or separate software.

INPUTS

Analogue (0-5v)	6
Digital	2
Thermistor (NTC)	2
Wheel Speed	1
Wideband Lambda	1
Knock	0

OUTPUTS

Digital (PWM)	4
Coil Drivers	2
Injector Drivers	2
Cam Solenoid Drivers	0
H-Bridge (FBW) Drivers	0

COMMUNICATIONS

USB	For PC connection
Serial	For dyno box connection
CAN bus	For communication with dashboards, power distribution modules, dataloggers etc.

CONTROL STRATEGIES

Auxiliary PWM Control	✓
Pit Limiter	X
Launch Control	✓
Flat-shift Control	✓
VTEC Control	✓
Boost Control	✓
Idle Control	✓
Wideband Lambda	single
Variable Cam Control	X
Traction Control	X
Wet/Dry Traction	X
Fly-by-wire Control	X
Knock Control	X
Paddle-shift Control	X

MISC

Dimensions	129x108x48mm
Weight	526g
Material	extruded aluminium
Ingress Protection	IP67
Hardware Upgradeable	No