



DESCRIPTION

This ECU can manage any 4 strokes combustion engines, up to 4 cylinders.
Heart of the system is the MPC5534 Power PC from Freescale, and with a 80Mhz system clock guarantee high calculation performances.

Full parameter customizations and the automapping feature, are the keys for maximum flexibility, and permit to adapt this ECU to many different engine configurations:

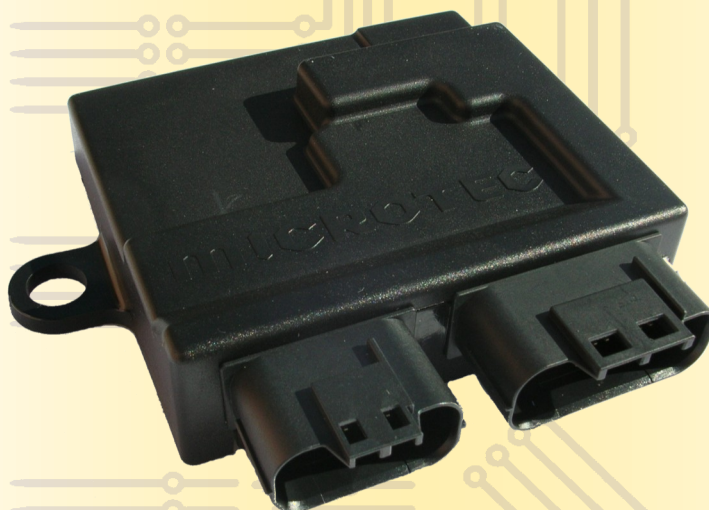
- 1 to 4 cylinders
- inductive ignition
- up to 4 injectors

For mono-cylinder, phase engine are detected by special software routines, without the need of an external cam sensor

On-board CAN, provide a simple and standard way to connect the ECU to a data logger system or a common PC (with our CAN-USB adapter M196).

A 3D Windows application, purposely developed for this unit, is designed for customize and monitor all the system parameters and the external sensors data.

With a very compact design, installation process is very simple and quick in the same position of original ECU.



TECHNICAL DATA

Mechanical data

Dimensions (no fastening)	115 x 102 x 27
Main connector	JST-S26B-WPZK-A JST-S18B-WPZK-A
Weight	350g

Inputs

Analogic	8
Digital	9
Lambda Sensor	4 (2 UEGO via CAN BUS, 2 NBUEGO)
Pick-up inductive	1
Battery Level	1

Outputs

Injector Drivers	4
Coil Commands	2
Heater	1
RPM	1
Warning Lamp	1
Stepper motor	1
Starter out	1

Communication

CAN Line (1Mbit/s)	1
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Electrical Data

Power Supply	8 – 18Vdc
Temperature Range	-20 – 85°C

Management Software

Windows application MON206, with 3D maps viewer.