



MICROTEC

M218

DESCRIPTION

Plug&play engine management unit, designed to replace the original ECU on the Mitsubishi EVO9 with complete management of variable cam, bang and antilag strategy.

Heart of the ECU is the MPC565 Power PC from Freescale, and with the 56Mhz 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 the engine modify.

On-board CAN and RS232 lines, provide a simple and standard way to connect the ECU to a data logger system or a

An expansion slot allows to integrate a data logger system, such as Lizard from Digitek, directly on-board.

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

The BOX includes an aluminum bottom plane, with 4 fastening points, and a black plastic cover.



TECHNICAL DATA

Mechanical data

Dimensions (no fastening)	190 x 147 x 39
BOX	Aluminum/Plastic Cover
Main Connector	JST MX7-93PL
Weight (No Lizard)	550g

Inputs

Analogic	4
Digital	4
Lambda Sensor	2 (UEGO via CAN-BUS)
Pick-up inductive / hall	2+2

Outputs

Injector Drivers	4
Coil Drivers	2
Fuel Pump	1
PWM command	6
Tacho	1
Stepper Motor	1

Communication

CAN Line (1Mbit/s)	2
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Lizard (optional)

USB Line	1
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Electrical Data

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

Software

Windows application MON205, with 3D maps viewer