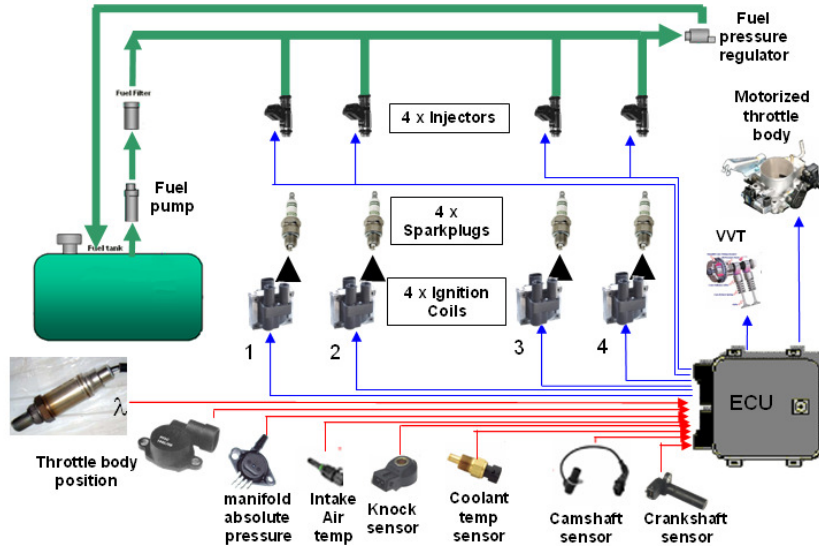# Gasoline ECU

The Gasoline ECU is an ECU for Gasoline engines with up to 4 cylinders. It is developed for use in combination with solenoid injectors. The software is provided with an optimized function range. The gasoline ECU is able to operate in a 12 V system.

Application		Electrical Data	
Engine layout	up to 4 cyl	Power consumption w/o inj.	approx. 5 W
Injector types	solenoid or valve injectors	Power consumption @ full load	approx. 120 W
Control Strategy	Pressure, alpha, N	Inputs:	
Injection Timing	1 main injection	• 1 input for indictive crankshaft sensor	
Turbo boost control	single Turbo	• 1 input for throttle position sensor	
Lambda measurement	Yes	• Cylinder head temperature sensor	
		• Lambda narrow or wide band	
		• Air admission temperature sensor	
		• 1 Internal inlet pressure sensor	
Mechanical Data			
Dust and waterproof aluminium housing		Outputs:	
2 connectors		• 2 injection power stages for solenoid injectors	
Maximum dimensions		• 9 Power Stages	
Without connectors	203 x 140 x38 mm	• Main relay, fuel pump, 2 ignition coils	
with connectors	203 x 167 x38 mm		
Weight	approx.725g		
ECU internal temperature range	-20 … 75 ° C		
Connectors		**Communication interfaces**	
Connector 1		1 CAN interface:	display / logger
Connector 2		1 RS232	Calibration software
Included Features			
Complete SW documentation			
Calibration Guide			