

Product Name



4-channel ignition coil driver with current reporting

Specifications

Parameter	Value
Operating Voltage	6-20V
Power Consumption	≈ 10mA (when idle)
Current Limit	24A
Soft shut down	After 25ms
Inputs	4 x TTL Input Input low voltage 1.2V, Input high voltage 2V
Outputs	4 x Coil drivers for break current, limited to 20A Soft shutdown after 20ms
	2 x Current feedback outputs Active current sink, gain 0.37mA/A
Connectors	Molex 12pin sealed connector
Casing	Potted machined aluminium
Size	55 x 62 x 31 mm
Weight	≈ 60g

For proper heat dissipation, unit must be mounted to a metal/heat conductive surface

Connectors

ID	Connector	Loom/Mating Connector
1	Molex 120G - 36783-1201	36792-1201

Pin Out

Connector	1	
Pin	Name	Function/Notes
1	Coil1	Ignition Coil Out 1
2	Coil2	Ignition Coil Out 2
3	12V	12V Power Supply
4	GND	0V Ground
5	Coil3	Ignition Coil Out 3
6	Coil4	Ignition Coil Out 4
7	Coil1 Driver	Ignition Coil Input 1
8	Coil2 Driver	Ignition Coil Input 2
9	Coil1/2Analogue	Coil 1 & 2 Analogue (current reporting)
10	Coil3/4Analogue	Coil 3 & 4 Analogue (current reporting)
11	Coil3 Driver	Ignition Coil Input 3
12	Coil4 Driver	Ignition Coil Input 4

Dimensions

