



Product Overview

LV8011V: Motor Driver, Forward / Reverse

For complete documentation, see the data sheet

Product Description

LV8011V is a 1ch forward/reverse motor driver IC using D-MOS FET for output stage. As MOS circuit is used, it supports the PWM input. Its features are that the on resistance (0.37 typ) and current dissipation are low. It also provides protection functions such as heat protection circuit and reduced voltage detection and is optimal for the motors that need high-current (maximum peak current : 5A).

Features

- As MOS circuit is used, it supports the PWM input.
- Low on resistance (0.37 typ)
- Current dissipation are low.
- It also provides protection functions such as heat protection circuit and reduced voltage detection.

Part Electrical Specifications

Product	Compliance	Status	Type	V _M Min (V)	V _M Max (V)	V _{CC} Min (V)	V _{CC} Max (V)	I _O Max (A)	I _O Peak Max (A)	Step Reso lution	Cont rol Type	Feed back Meth od	Curr ent Sens e	Reg ula tor Out put	Fault Dete ction	Flyb ack Prot ectio n	R _{DS(on)} Typ (Ω)	Pack age Type
LV8011V-MPB-E	Pb-free	Active	Brush DC	2	7.5	4.5	6	1	5		Parallel	None	None	No	Thermal UV LO	Integrated Active		SSOP-20
LV8011V-TLM-E	Pb-free	Active	Brush DC	2	7.5	4.5	6	1	5		Parallel	None	None	No	Thermal UV LO	Integrated Active		SSOP-20

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