



Product Overview

LV8406T: Motor Driver, Forward / Reverse, 2-Channel

For complete documentation, see the data sheet

Product Description

LV8406T is a 2-channel 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 (0.75 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.

Features

- Low power consumption
- Low output ON resistance (0.75 , typical)
- Built-in charge pump.
- 2-channel forward/reverse motor driver.
- Built-in low voltage reset and thermal shutdown circuit.
- Four mode function forward/reverse, brake, stop.

Applications

- Stepper/Brush DC Motors

End Products

- Cameras

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 Sense	Reg- ulator Out- put	Fault Dete- ction	Flyb- ack Prot- ection	R _{DS(on)} Typ (Ω)	Pack- age Type
LV8406T-MPB-E	Pb-free	Active	Step- per/ Brush DC	1.5	16	2.8	5.5	1.4	2.5	$\frac{1}{2}$ 1	Paral- lel		Non- e		Ther- mal UV LO		0.75	TSS- OP- 20 / TSS- OP- 20J
LV8406T-TLM-E	Pb-free	Active	Step- per/ Brush DC	1.5	16	2.8	5.5	1.4	2.5	$\frac{1}{2}$ 1	Paral- lel		Non- e		Ther- mal UV LO		0.75	TSS- OP- 20 / TSS- OP- 20J

For more information please contact your local sales support at www.onsemi.com

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