



Product Overview

LV8400V: Forward/Reverse Motor Driver

For complete documentation, see the data sheet

Product Description

LV8400V is a single channel forward/reverse motor driver. It operates in forward, reverse, brake and standby modes. A P/N-channel structure in the H-bridge output stage minimizes the number of external components needed, and provides low ON resistance (0.33, typical). This IC is optimal for driving motors that need large current.

Features

- Low output ON resistance 0.33
- Built-in low voltage reset and thermal shutdown circuit
- Output Stage Pch/Nch Transistor
- Stand-by Current : 0µA
- SSOP Package
- 1-channel forward/reverse motor driver
- Low power consumption
- Built-in constant current output circuit
- Four mode function forward/reverse, brake, standby.

Benefits

- Low heat generation, High Efficiency
- Protection
- Charge Pump Less
- Low Consumption
- Small Design Footprint

Applications

- Brush DC Motors
- Portable & Wireless
- Industrial

End Products

- Cameras
- Digital Still Camera
- PoE point of sales terminal
- LCD projector
- Digital single-lens reflex camera

Part Electrical Specifications

Product	Compliance	Status	V _M Min (V)	V _M Max (V)	V _{CC} Min (V)	V _{CC} Max (V)	I _O Min (A)	I _O Peak Max (A)	Control Type	Current Sense	Regulator Output	Fault Detection	Flyback Protection	R _{DS(on)} (Ω)	Package Type
LV8400V-MPB-E	Pb-free	Active	4	15	2.7	6	1.2	3.8	Parallel	None	Yes	UVLO		0.33	SSOP-16
LV8400V-TLM-E	Pb-free	Active	4	15	2.7	6	1.2	3.8	Parallel	None	Yes	UVLO		0.33	SSOP-16

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

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