



Product Overview

LV8760T: Motor Driver, H-Bridge, Forward / Reverse

For complete documentation, see the data sheet

Product Description

The LV8760T is an H-bridge driver that can control four operation modes (forward, reverse, brake, and standby) of a motor. The low on-resistance, zero standby current, highly efficient IC is optimal for use in driving brushed DC motors for office equipment.

Features

- Built-in current limiter circuit
- Built-in thermal protection circuit
- Built-in short-circuit protection function
- Low ON Resistance: 0.52
- Stand-by Current: 0µA
- TSSOP20J Package
- Forward/reverse 1-ch H-Bridge motor driver
- Forward/reverse/brake/off -control available
- Output Current : 3A

Benefits

- Current protection
- Thermal protection
- Safety Design
- (Upper and Lower Total), High Efficiency
- Low Consumption
- Small Design Footprint

Applications

- Brush DC Motors
- Computing & Peripherals
- Industrial

End Products

- Printers
- Flatbed Scanner
- Inkjet Printer
- Multi-Function Printer
- Document Scanner

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
LV8760T-MPB-E	Pb-free	Active	9	35	3	5.5	3	4	Parallel	External Resistor		UVLO		0.52	TSSOP-20 / TSSOP-20J
LV8760T-TLM-E	Pb-free	Active	9	35	3	5.5	3	4	Parallel	External Resistor		Thermal		0.52	TSSOP-20 / TSSOP-20J

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

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