

Product Overview

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

For complete documentation, see the data sheet.

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: 0.52Ω
- Stand-by Current: $0\mu\text{A}$
- 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	Pricing (\$/Unit)	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	Package Type
LV8760T-TLM-E	1.4266	Pb-free	Active	9	35	3	5.5	3	4	Parallel	External Resistor	TSSOP-20 / TSSOP-20J

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

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