



## Product Overview

### LV8762T: Motor Driver, H-Bridge, Forward / Reverse

For complete documentation, see the data sheet

#### Product Description

The LV8762T is a 1-channel H-bridge driver that can control four operation modes (forward, reverse, brake, and standby) of a motor. The LV8762T is optimal for use in driving brushed DC motors for office equipment.

#### Features

- Built-in current limiter
- Built-in thermal protection circuit
- Built-in short-circuit protection function (selectable from latch-type or auto reset-type).
- Built-in Brake Function
- Low ON Resistance: 1.25
- Stand-by Current: 0 $\mu$ A
- Forward/reverse H-bridge motor driver: 1 channel
- Single power supply
- IOmax = 1A
- Current limit mask function

For more features, see the data sheet

#### Benefits

- Current Protection
- Thermal Protection
- Safety Design
- Safety Design
- High Efficiency
- Low Consumption

#### 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 <sub>M</sub> Min (V)	V <sub>M</sub> Max (V)	V <sub>CC</sub> Min (V)	V <sub>CC</sub> Max (V)	I <sub>O</sub> Min (A)	I <sub>O</sub> Peak Max (A)	Control Type	Current Sense	Regulator Output	Fault Detection	Flyback Protection	R <sub>DS(on)</sub> (Ω)	Package Type
LV8762T-TLM-H	Pb-free Halide free	Active	9	32	9	32	1	1.5	Parallel	External Resistor		Thermal		1.25	TSSOP-24

For more information please contact your local sales support at [www.onsemi.com](http://www.onsemi.com)

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