



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	Benefits
<ul style="list-style-type: none"> 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: 0μA Forward/reverse H-bridge motor driver: 1 channel Single power supply IOmax = 1A Current limit mask function 	<ul style="list-style-type: none"> Current Protection Thermal Protection Safety Design Safety Design High Efficiency Low Consumption

Applications	End Products
<ul style="list-style-type: none"> Brush DC Motors Computing & Peripherals Industrial 	<ul style="list-style-type: none"> Printers Flatbed Scanner Inkjet Printer Multi-Function Printer Document Scanner

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 Resolution	Control Type	Feedback Method	Current Sense	Regulator Output	Fault Detection	Flyback Protection	R _{DS(on)} Typ (Ω)	Package Type
LV8762T-MPB-H	Pb-free Halide free	Active	Brush DC	9	32	9	32	1	1.5		Parallel		External Resistor		Over-Current Thermal UV LO		1.25	TSSOP-24
LV8762T-TLM-H	Pb-free Halide free	Active	Brush DC	9	32	9	32	1	1.5		Parallel		External Resistor		Over-Current Thermal UV LO		1.25	TSSOP-24

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

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