



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	Benefits
<ul style="list-style-type: none"> 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 	<ul style="list-style-type: none"> Current protection Thermal protection Safety Design (Upper and Lower Total), High Efficiency Low Consumption Small Design Footprint

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
LV8760T-MPB-E	Pb-free	Active	Brush DC	9	35	3	5.5	3	4		Parallel		External Resistor		Over-Current Thermal UV LO		0.52	TSSOP-20 / TSSOP-20J
LV8760T-TLM-E	Pb-free	Active	Brush DC	9	35	3	5.5	3	4		Parallel		External Resistor		Over-Current Thermal UV LO		0.52	TSSOP-20 / TSSOP-20J

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