



Product Overview

LV8771VH: Stepping Motor Driver, PWM, Constant Current Control

For complete documentation, see the data sheet

Product Description

The LV8771VH is a PWM current control stepping motor driver. It is ideally suited for driving stepping motors used in office equipment and amusement applications.

Features

- Output on-resistance (High side : 0.6 ; Low side : 0.4 ; total : 1.0 ; Ta = 25C, IO = 1.5A).
- Micro step mode can be set to full-step, half-step (full torque), half-step, and quarter-step mode.
- Built-in thermal shutdown circuit.
- No control power supply necessary.
- 1 channel PWM current control stepping motor driver.
- IO max = 1.5A

Benefits

- Low Consumption
- Various Step Adjustment Available
- Thermal protection
- Easy Design

Applications

- Computing & Peripherals
- Industrial

End Products

- Office Equipment
- Flatbed Scanner
- Server
- PoE Security Camera
- Vending Machine

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	Package Type
LV8771VH-MPB-H	Pb-free Halide free	Active	Stepper	9	36			1.5	1.75	$\frac{1}{4}$ $\frac{1}{2}$ 1	Parallel		External Resistor	Yes	Thermal	Integrated Active	HSO P-28
LV8771VH-TLM-H	Pb-free Halide free	Active	Stepper	9	36			1.5	1.75	$\frac{1}{4}$ $\frac{1}{2}$ 1	Parallel		External Resistor	Yes	Thermal	Integrated Active	HSO P-28

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

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