

Product Overview

LV8727: Stepping Motor Driver, PWM, Constant Current Control

For complete documentation, see the data sheet.

The LV8727 is a PWM current-controlled micro step bipolar stepping motor driver. This driver can do eight ways of micro step resolution of Half, 1/8, 1/16, 1/32, 1/64, 1/128, 1/10, 1/20 Step, and can drive simply by the step input.

Features

- Output on-resistance (upper side : 0.25Ω ; lower side : 0.15Ω ; total of upper and lower : 0.4Ω ; Ta = 25°C, IO = 4.0A)
- Half, 1/8, 1/16, 1/32, 1/64, 1/128, 1/10, 1/20 Step are selectable.
- Over current protection circuit.
- Thermal shutdown circuit.
- Current saving function
- Output Current : 4A
- Single-channel PWM current control stepping motor driver.
- BiCDMOS process IC.
- Advance the excitation step with the only step signal input.
- Available forward reverse control.

For more features, see the data sheet

Applications

- Industrial

Benefits

- Low Consumption, High Efficiency
- Various Step Adjustment Available
- Over current protection
- Thermal protection
- Low Consumption
- Large motor current

End Products

- Printers
- Slot Machine
- Vending Machine
- Large format Printer
- Stage Lighting

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