

## Product Overview

### LV8711T: Stepper Motor Driver, PWM, Constant Current Control

For complete documentation, see the data sheet.

The LV8711T is a PWM constant-current control stepper motor driver which is low consumption, low heat and high efficiency. The device is suited to 2-cell battery applications. Its supply voltage range is from 4 V to 16 V, and stand-by mode current drain is almost zero. It can contribute to reduce costs and PCB size because of the built-in circuit to control current. It also can contribute to safe design of applications by several built-in protection functions.

#### Features

- Short circuit protection circuit incorporated
- Abnormal condition warning output pin incorporated
- Upper and lower regenerative diodes
- Thermal shutdown circuit incorporated
- Two circuits of PWM constant-current control H-bridge drivers incorporated
- Control of the stepping motor to 1-2 phase excitations possible
- Reference voltage output : 1.0V

#### Benefits

- Short protection
- Safety Design
- Safety Design
- Thermal protection

#### Applications

- Stepper/Brush DC Motors
- Computing & Peripherals
- Industrial
- Consumer

#### End Products

- Printers
- Flatbed Scanner
- Document Scanner
- PoE Point of Sales Terminal
- POS terminals

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