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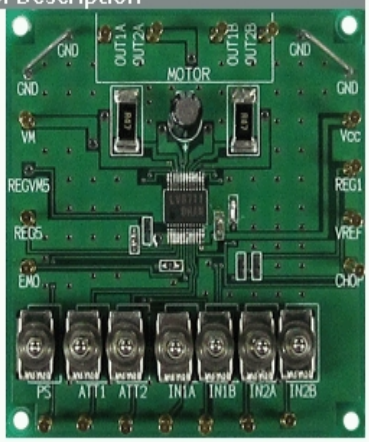
LV8711TGEVB: PWM Constant-Current Control Stepper Motor Driver Evaluation Board

Evaluation/Development Tool Description

The LV8711T is a PWM constant-current control stepping motor driver which is low consumption, low heat and high efficiency. The device is suited for 2-cell battery applications. Its supply voltage range is from 4V to 16V, 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 and Applications

Features

- Two circuits of PWM constant-current control H-bridge drivers incorporated
- Control of the stepping motor to Half-step excitations possible
- Reference voltage output: 1.0V
- Short circuit protection circuit incorporated
- Abnormal condition warning output pin incorporated
- Upper and lower regenerative diodes incorporated
- Thermal shutdown circuit incorporated
- VCC Low Voltage Shut Down circuit incorporated

Evaluation/Development Tool Information

Product	Status	Compliance	Short Description	Parts Used	Action
LV8711TGEVB	Active	Pb-free	PWM Constant-Current Control Stepper Motor Driver Evaluation Board	LV8711T-TLM-H	Buy Now » Contact Local Sales Office » Inventory

Technical Documents

Type	Document Title	Document ID/Size	Rev
Eval Board: BOM	LV8711TGEVB Bill of Materials ROHS Compliant	LV8711TGEVB_BOM_ROHS.PDF - 63 KB	0
Eval Board: Gerber	LV8711TGEVB Gerber Layout Files (Zip Format)	LV8711TGEVB_GERBER.ZIP - 240.0 KB	0
Eval Board: Schematic	LV8711TGEVB Schematic	LV8711TGEVB_SCHEMATIC.PDF - 129 KB	0
Eval Board: Test Procedure	LV8711TGEVB Test Procedure	LV8711TGEVB_TEST_PROCEDURE.PDF - 1474 KB	1

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