



LV8734VGEVB: 2-Channel H-Bridge Driver IC Evaluation Board

The LV8734V is a 2-channel H-bridge driver IC that can switch a stepping motor driver, which is capable of micro-step drive and supports 1/8-step resolution, and two channels of a brushed motor driver, which supports forward, reverse, brake, and standby of a motor.



Features and Applications

- Features
- Single-channel PWM current control stepping motor driver (selectable with DC motor driver channel 2) incorporated
 - BiCDMOS process IC
 - Micro-step mode can be set to Full-step, Half-step, Quarter-step, or 1/8-step
 - Excitation step proceeds only by step signal input
 - Motor current selectable in four steps
 - Output short-circuit protection circuit (selectable from latch-type or auto-reset-type) incorporated
 - Unusual condition warning output pins
 - Built-in thermal shutdown circuit
 - No control power supply required
 - Pin compatibility series

Evaluation/Development Tool Information

Product	Status	Compliance	Short Description	Parts Used	Action
LV8734VGEVB	Active	Pb-free	2-Channel H-Bridge Driver IC Evaluation Board	LV8734V-TLM-H	» Contact Local Sales Office » Inventory

Technical Documents

Type	Document Title	Document ID/Size	Rev
Eval Board: BOM	LV8734VGEVB Bill of Materials ROHS Compliant	LV8734VGEVB_BOM_ROHS.PDF - 66 KB	0
Eval Board: Gerber	LV8734VGEVB Gerber Layout Files (Zip Format)	LV8734VGEVB_GERBER.ZIP - 934.0 KB	0
Eval Board: Schematic	LV8734VGEVB Schematic	LV8734VGEVB_SCHEMATIC.PDF - 135 KB	0
Eval Board: Test Procedure	LV8734VGEVB Test Procedure	LV8734VGEVB_TEST_PROCEDURE.PDF - 200 KB	1

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