

LV8417CSGEVB: 1-Channel H-Bridge Motor Driver IC Evaluation Board

Evaluation/Development Tool Description

The LV8417CS is a 1ch H-bridge motor driver IC. The package size is extremely small with wafer level package (WLP). Moreover, the on-resistance is low (upper and lower total 0.27Ω typ.).

The H-bridge of this IC is P-N composition and thereby reduces the external parts without need of charge pump. Therefore, LV8417CS realizes reduction of mounting area which enables lower cost and smaller application size.



Features and Applications

Features

- DMOS output transistor adoption
- The application voltage range is wide (2.0V to 10.5V)
- The compact package is adopted
- Current consumption 0 when standing by
- Built-in brake function

Evaluation/Development Tool Information

Product	Status	Compliance	Short Description	Parts Used	Action
LV8417CSGEVB	Active		1-Channel H-Bridge Motor Driver IC Evaluation Board	LV8417CS-TE-L-H	Buy Now Contact Local Sales Office Inventory

Technical Documents

Type	Document Title	Document ID/Size	Rev
Eval Board: BOM	LV8417CSGEVB Bill of Materials ROHS Compliant	LV8417CSGEVB_BOM_ROHS.PDF - 15 KB	0
Eval Board: Gerber	LV8417CSGEVB Gerber Layout Files (Zip Format)	LV8417CSGEVB_GERBER.ZIP - 33.0 KB	0
Eval Board: Schematic	LV8417CSGEVB Schematic	LV8417CSGEVB_SCHEMATIC.PDF - 30 KB	0
Eval Board: Test Procedure	LV8417CSGEVB Test Procedure	LV8417CSGEVB_TEST_PROCEDURE.PDF - 58 KB	1

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