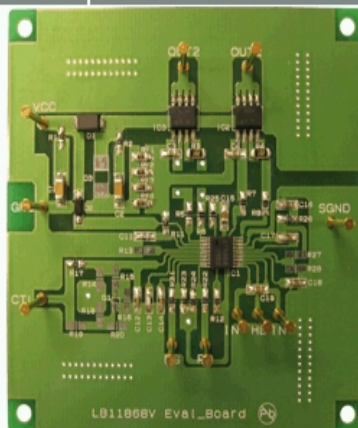


LB11868VGEVB: Single-Phase Bipolar Driving Motor Pre-Driver Evaluation Board

Evaluation/Development Tool Description

LB11868V is a single-phase bipolar driving motor pre-driver with the variable speed function compatible with external PWM signal. With a few external parts, a highly-efficient and highly-silent variable drive fan motor with low power consumption can be achieved. This product is best suited for driving of the server requiring large air flow and large current and the fan motor of consumer appliances.



Features and Applications

Features

- Single-phase full-wave driving pre-driver
- Variable speed control possible with external PWM input
- Current limiting circuit incorporated
- Reactive current cut circuit incorporated
- Minimum speed setting pin
- Soft start setting pin
- Start setting pin of on time
- Pch-FET kickback absorption setting pin
- Lock protection and automatic reset circuits incorporated
- FG (rotational speed detection) output, RD (lock detection) output
- Thermal shutdown circuit incorporated

Evaluation/Development Tool Information

Product	Status	Compliance	Short Description	Parts Used	Action
LB11868VGEVB	Active	Pb-free	Single-Phase Bipolar Driving Motor Pre-Driver Evaluation Board	LB11868V-TLM-H	Buy Now » Contact Local Sales Office » Inventory

Technical Documents

Type	Document Title	Document ID/Size	Rev
Eval Board: BOM	LB11868VGEVB Bill of Materials ROHS Compliant	LB11868VGEVB_BOM_ROHS.PDF - 90 KB	0
Eval Board: Gerber	LB11868VGEVB Gerber Layout Files (Zip Format)	LB11868VGEVB_GERBER.ZIP - 114.0 KB	0
Eval Board: Schematic	LB11868VGEVB Schematic	LB11868VGEVB_SCHEMATIC.PDF - 22 KB	0
Eval Board: Test Procedure	LB11868VGEVB Test Procedure	LB11868VGEVB_TEST_PROCEDURE.PDF - 128 KB	1

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