

Product Overview

LB11852FV: Single-Phase Full-Wave Fan Motor Pre-Driver with Speed Control Function

For complete documentation, see the data sheet.

The LB11852FV is a single-phase bipolar driving motor pre-driver with a speed control function based on speed feedback. With a small number of external parts, a highly efficient and very quiet variable-speed drive fan motor with low power consumption and high rotational accuracy can be implemented. The LB11852FV, integrated in a miniature package, is best suited for driving small fan motors requiring speed control.

Features

- Single-phase full-wave driving pre-driver
- Speed control circuit incorporated
- Variable speed control is possible with external PWM input or analog voltage input
- Soft start circuit incorporated
- Minimum speed setting pin
- Current limiting circuit incorporated
- Reactive current cut circuit incorporated
- Automatic resetting type constraint circuit incorporated
- FG (rotational speed detection) output

Applications

- Small Fan Motor Drive

Part Electrical Specifications

Product	Compliance	Status	Phase	V_M Min (V)	V_M Max (V)	V_{CC} Min (V)	V_{CC} Max (V)	I_O Max (A)	I_O Peak Max (A)	Control Type	Package Type
LB11852FV-W-AH	Pb-free Halide free	Active	1			5.5	16	0.02		DC	SSOP-20J

For more information please contact your local sales support at www.onsemi.com.

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