

Product Overview

LB11660FV: Half-Pre Motor Driver, Single-Phase Full-Wave, for Fan Motor

For complete documentation, see the data sheet.

The LB11660FV is a single-phase bipolar drive half-pre-driver motor driver that can easily implement a direct PWM driver motor driver circuit with excellent efficiency. The LB11660FV is particularly well suited for the miniature fans used in servers.

Features

- Single-phase full-wave linear drive half pre-driver with integrated high side transistor
- Built-in variable speed function controlled by an external input
- Minimum speed setting pin
- Current limiter circuit
- Built-in kickback absorption circuit
- built-in HB
- Built-in lock protection and automatic return circuits
- FG (speed detection) output
- Built-in thermal protection circuit
- Soft switching circuit makes low current consumption, low loss, and low noise drive possible at phase switching

For more features, see the data sheet

Applications

- Fan Motor Drive

End Products

- Small-sized cooling fans used in servers

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
LB11660FV-TLM-E	Pb-free	Active	1	4	15	4	15	1.5		DC	SSOP-16
LB11660FV-TLM-H	Pb-free Halide free	Active	1	4	15	4	15	1.5		DC	SSOP-16
LB11660FV-W-AH	Pb-free Halide free	Active	1	4	15	4	15	1.5		DC	SSOP-16

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

Created on: 1/16/2019