

Product Overview

LB1862MC: Single-Phase Full-Wave Fan Motor Driver

For complete documentation, see the data sheet.

Single-phase full-wave drive design and a compact package make these ICs optimal for small fans (especially CPU cooling fans). Low switching noise and effective motor drive are further advantages.

Features

- Support for 5V/12V dual power supply voltage
- Built-in regenerative circuit allows use of reverse connection protection diode
- Built-in Hall amplifier with hysteresis (supports core without auxiliary electrode)
- Built-in lockup protection and automatic recovery circuits
- Latch-type lockup detection output (RD) is Low during rotation and High during stop
- Hall bias pin and start/stop pin allow reduced current drain in standby mode
- Built-in thermal protection circuit

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
LB1862MC-AH	Pb-free Halide free	Active	1	3.8	16.8	3.8	16.8		0.5	DC	SOIC-10 W / MFP-10SK

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

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