



## Product Overview

### LV8549MC: Stepping Motor Driver, Low Saturation Voltage, 12 V

For complete documentation, see the data sheet

#### Product Description

The LV8549MC is a 2-channel low saturation voltage forward/reverse motor driver IC. It is optimal for Full step motor drive in 12V system products.

#### Features

- DMOS output transistor adoption (Upper and lower total RON=1 typ)
- For one power supply
- Current consumption 0 when standing by
- The compact package (SOIC10) is adopted.
- VCC max=20v, IO max=1A

#### Benefits

- High Efficiency
- The control system power supply is unnecessary.
- Low Consumption

#### Applications

- Computing & Peripherals
- Industrial
- Consumer

#### End Products

- Flatbed Scanner
- Document Scanner
- PoE Point of Sales Terminal
- Clothes Dryer
- Refrigerator

#### Part Electrical Specifications

Product	Compliance	Status	Type	V <sub>M</sub> Min (V)	V <sub>M</sub> Max (V)	V <sub>CC</sub> Min (V)	V <sub>CC</sub> Max (V)	I <sub>O</sub> Max (A)	I <sub>O</sub> Peak Max (A)	Step Resolution	Control Type	Feedback Method	Current Sense	Regulator Output	Fault Detection	Flyback Protection	Package Type
LV8549MC-AH	Pb-free Halide free	Active	Step per	4	20			1		1	Parallel		None	No	Thermal UV LO	Integrated Active	SOIC-10 NB

For more information please contact your local sales support at [www.onsemi.com](http://www.onsemi.com)

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