

## Product Overview

### LV8411GR: 4-Channel Stepper Motor Driver

For complete documentation, see the data sheet.

The LV8411GR is an H bridge motor driver IC and is able to control 4 modes of forward, reverse, brake, and standby. This IC housed in a miniature package is optimum for use in a stepping motor driving system for DSC or a camera module of cell phones.

#### Features

- Built-in thermal protection circuit
- Built-in low voltage malfunction prevention circuit
- Includes a transistor for driving photosensors
- Output ON Resistance : 1.2ohm
- Built-in Photo Sensor Drive Transistor
- VCT Package (3 x 3mm)
- Saturation drive H bridge: 4 channels

#### Applications

- Stepper Motors
- Industrial
- Portable & Wireless

#### Benefits

- Thermal protection
- Low voltage protection
- Fewer external components
- (Upper and Lower Total),High Efficiency
- Less External Component
- Small Design Footprint

#### End Products

- Cameras
- PoE Security Camera
- Digital Still Camera

#### Part Electrical Specifications

Product	Pricing (\$/Unit)	Compliance	Status	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	Current Sense	Fault Detection	Package Type
LV8411GR-TE-L-E	2.2399	Pb-free	Active	2.5	5.5	2.5	5.5	0.4	0.6	1	Parallel	None	Thermal	VCT-24

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

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