

## Product Overview

### LV8402GP: Motor Driver, Forward / Reverse, 2-Channel

For complete documentation, see the data sheet.

The LV8402GP is a 2-channel, forward/reverse motor driver using D-MOS FET for output stage. As MOS circuit is used, it supports the PWM input. Its features are that the on resistance (0.75 ohm typical) and current dissipation are low. It also provides protection functions such as heat protection circuit and reduced voltage detection and is optimal for the motors that need high-current.

#### Features

- Low-ON resistance 0.75Ω.
- Built-in low voltage reset and thermal shutdown circuit.
- 2ch forward/reverse motor driver.
- Built-in low voltage reset and thermal shutdown circuit.
- Low power consumption.
- 3 mode function forward/reverse, brake.
- Built-in charge pump.
- Built-in EXTRA mode for PWM port reduction when a motor drives by two phase excitation.

#### Benefits

- Low heat generation, Low Consumption
- Reduced voltage detection, Thermal protection

#### Applications

- Stepper/Brush DC Motors
- Portable & Wireless

#### End Products

- Cameras
- 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
LV8402GP-TE-L-H	1.0933	Pb-free Halide free	Active	1.5	16	2.8	6	1.4	2.5	½	Parallel	None	UVLO	VCT-24

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