

Low-saturation, Low-voltage 1 channels Bi-directional Motor Driver

Features

- Low voltage operation (VDD min=1.8V)
- Low saturation voltage (sum of upside transistor and bottom side transistor is 0.46V at 400mA)
- Low input current.
- Low operation current (sleep mode with zero current drain)
- Build-in thermal shutdown (TSD, 150°C)
- Crossover current protection.
- High output sinking and driving capability.
- WDFN-6 (1.6mm×1.4mm) is adopted
- SOP-8 EP is adopted

Applications

- Voice Coil Motor
- Piezo-actuator
- Camera Module
- Other DC Motor Actuators.

General Description

G2006 is a micro-actuator drivers IC with miniature package (WDFN-6). It is one channel low voltage bi-directional motor driver IC. The design is optimal for driving different type micro-actuator, such as voice coil motor, piezo-actuator, or other dc motor actuator. It is suitable for camera module application or other portable device.

Ordering Information

ORDER NUMBER	MARKING	TEMP. RANGE	PACKAGE (Green)
G2006U11U	206	-20°C to +85°C	WDFN1.6X1.4-6
G2006P11U	G2006	-20°C to +85°C	SOP-8
G2006F11U	G2006	-20°C to +85°C	SOP-8 (FD)

Note: U1: WDFN1.6X1.4-6 P1: SOP-8 F1: SOP-8 (FD)

1: Bonding Code

U: Tape & Reel

Pin Configurations

