

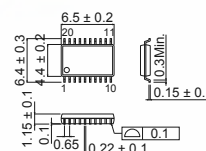


2-Channel H-Bridge Motor Driver BD6735FV

●Summary

BD6735FV is a DMOS-driven 2-channel H-bridge motor driver. The driver is capable of driving both DC motors and stepping motors, and can be switched between forward, reverse, brake and shutdown (idle) modes according to the input logic.

●External Dimensions Diagram (units: mm)



●Features

- 1) □Two built-in H-bridge type driver circuits
- 2) □Low ON-resistance DMOS driving
- 3) □Accommodates a power supply up to 3.3V
- 4) □Built-in DMOS gate step-up circuit
- 5) □Logic switching is possible for DC and stepping motors (PWM controllable)
- 6) □Equipped with power-saving functionality
- 7) □Built-in thermal shutdown circuit
- 8) □Equipped with low voltage detection circuit

SSOP-B20

●Applications

Camera lens drivers for DSCs, DVCs, etc.
Audio peripheral equipment
OA peripheral equipment

●Absolute Maximum Ratings (Ta=25°C)

Parameter	Symbol	Limits	Unit
Power supply voltage Vcc	Vcc	10	V
Power supply voltage Vm	Vm	10	V
Acceptable loss	Pd	810 *	mW
Operating temperature range	Topr	-30 to +85	°C
Storage temperature range	Tstg	-55 to +150	°C

* When Ta = 25°C or greater, the power decreases by 6.48 mW per 1°C.



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