

## Product Overview

### LB1939T: Motor Driver, Constant Voltage/Current, H-Bridge, 2-Channel

For complete documentation, see the data sheet.

The LB1939T is a bipolar stepping motor driver that features low voltage operation, a low saturation voltage and low power consumption. It operates full/half step drive. It supports constant voltage and constant current drive, can control two iris motors and is optimal for shutter, iris and AF drive in 3V battery operated still digital cameras and other battery operated equipment.

### Features

- Low voltage drive
- Low saturation voltage output
- Supports constant voltage and constant current drive
- Built-in reference voltage circuit

### Applications

- 3V Battery Operated Equipment

### End Products

- Digital Still Cameras
- Digital Video Cameras

### 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
LB1939T-TLM-E	1.6813	Pb-free Halide free	Active	1.6	10.5	1.9	10.5	0.4		½	Parallel	External Resistor	Thermal	TSSOP-20

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