

# 3 AMP Low Voltage H-Bridge S17-3A-LV-HBRIDGE \$80.00



A completely custom H-Bridge for the absolute highest efficiency when using high-quality motors. Has a 3 A continuous current capacity and conforms to the Acroname H-Bridge standard for use with any high-quality controller including any Acroname motion control module.

This extremely efficient H-Bridge conforms to the Acroname H-Bridge Standard which interfaces with Acroname motion control modules. The motor output interfaces with common Maxon and Falhauber motors. This H-Bridge is used in the Garcia robot for smooth and controlled motion. This bridge also includes current sense/limits and high frequency switching capacity.

## Features

- Less than 250 mΩ resistance
- No "shoot-through" current
- Analog current monitor output
- Digital status output
- Digital brake input
- Over current and under voltage shutdown
- Quadrature encoder pass through with pull-up resistors
- Integrated connector for combined motor/encoder
- Conforms to the Acroname H-Bridge standard

Specifications	
Supply Voltage	3.6 V to 12.0 V*
Continuous Output Current	3.5 A
Logic Supply Voltage	-0.5 V to 5.5 V
Power Dissipation	3 W
MOSFET Temperature Range	-25° C to +100° C
Ambient Operating Temperature Range	0° C to +50° C
Inputs	TTL and CMOS compatible
PWM Output Frequency	2.4 - 50 kHz
*Alternate assembly allows 0 V to 3.5 V operation	

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