

Big Motor + Encoder Module for Yukon

Pins and Dims

Drive 1x Brushed DC Motor with Encoder

DRV8706H Smart Gate Driver

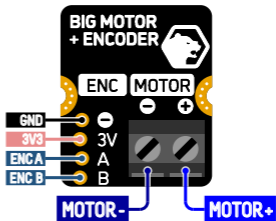
- External H-Bridge FETs
- 8A Continuous (12A Peak)

Sensors: Current, Temperature

Width 20mm

Slot IO Usage

Fast1	←	ENC A		
Fast2	←	ENC B		
Fast3	←	IN-		
Fast4	←	IN+		
Slow1	←	GND	LOW	Address State
Slow2	←	NFAULT	H/L	
Slow3	←	ENABLE	HIGH	
ADC1	←	C SENSE	LOW	
Therm	←	TEMPERATURE	ANY	
Pin	Dir	Function		



Pin Types

RP2040 GPIO Expander IO Mux ADC

Functions

Motor Output Low Power Ground GPIO PWM ADC IO