

Dual Motor / Stepper Module for Yukon

Pins and Dims

Drive 2x Brushed DC or 1x Bipolar Stepper

DRV8424P Dual H-Bridge Driver

- Adjustable Current Limit: 0.16 - 2.24A

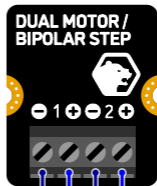
Sensors: Temperature

Width 20mm

Length 24mm

Slot IO Usage

Fast1	→	IN1-		
Fast2	→	IN1+		
Fast3	→	IN2-		
Fast4	→	IN2+		
Slow1	→	VREF1	LOW	Address State
Slow2	→	VREF2	LOW	
Slow3	→	ENABLE	HIGH	
ADC1	←	NFAULT	HIGH	
Therm	←	TEMPERATURE	ANY	
Pin	Dir	Function		



MOTOR1-

MOTOR1+

MOTOR2+

MOTOR2-

Pin Types

RP2040 GPIO Expander IO Mux ADC Motor Output PWM ADC IO

Functions