

Serial Bus Servo Module for Yukon

Pins and Dims

Control UART Serial Servos

5V Level-Shifted TX & RX

- Switches for Half-Duplex Operation

2x 3-pin Molex Connectors

1x 3/4-pin for Other Connectors

Slot IO Usage

Fast1	→	TX (5v)	
Fast2	←	RX (5v)	
Fast3	→	TX → DATA EN	
Fast4	→	DATA ← RX EN	
Slow1	←	3V3	HIGH
Slow2	←	GND	LOW
Slow3	←	GND	LOW
ADC1	←	3V3	HIGH
Therm	←	3V3	HIGH
Pin	Dir	Function	Address State

Pin Types

RP2040 GPIO Expander IO Mux ADC

Functions

High Power Low Power Ground UART IO

