Project Nuevo - Wiring

Arduino Nano to TB6612FNG

Arduino Nano Pin	TB6612FNG Pin
D5	PWMA
D8	AIN1
D7	AIN2
D12	STBY
D9	BIN1
D10	BIN2
D11	PWMB
5V	VCC
GND	GND

Arduino Nano to TT Motors (via TB6612FNG)

TB6612FNG Pin	Motor
A01	Left Motor 1
A02	Left Motor 2
B01	Right Motor 1
B02	Right Motor 2
VM	12V LiPo Battery

Project Nuevo - Wiring

Arduino Nano to Calibration & Start Buttons

Arduino Nano Pin	Button
D2	Calibration Button
D3	Start Button
GND	Common Ground

Arduino Nano to TCRT5000 5-Sensor Array

Arduino Nano Pin	QTR-5 Pin
A0	Sensor 1
A1	Sensor 2
A2	Sensor 3
A3	Sensor 4
A4	Sensor 5
5V	VCC
GND	GND