Line Following Car - PARTS LIST

Getting Started

Download Arduino IDE:
www.arduino.cc/en/Main/Software

Download Drivers:
www.arduino.cc/en/Guide/Windows
www.arduino.cc/en/Guide/MacOSX
www.arduino.cc/en/Guide/Linux

Video Tutorial for Assembly Instructions
• Visit www.quadstore.in
• Go to "Downloads" Section.
• Click "Line Following Car using Uno R3" kit link (Or)
• Scan the QR code for direct YOUTUBE link.

Download Source Code:
• Visit www.quadstore.in
• Go to "Downloads" Section.
• Click "Line Following Car using Uno R3" kit link

Youtube Video Tutorial Link
https://youtu.be/Jmbxb0Yq6Cg

UNO R3-Compatible	USB Cable	IR Sensor x2	L293D Motor Shield
2WD Car Chassis	Battery Holder	F-F Wires 10pcs	Carton Box Packing
Black Tape	L-Clamp X2		

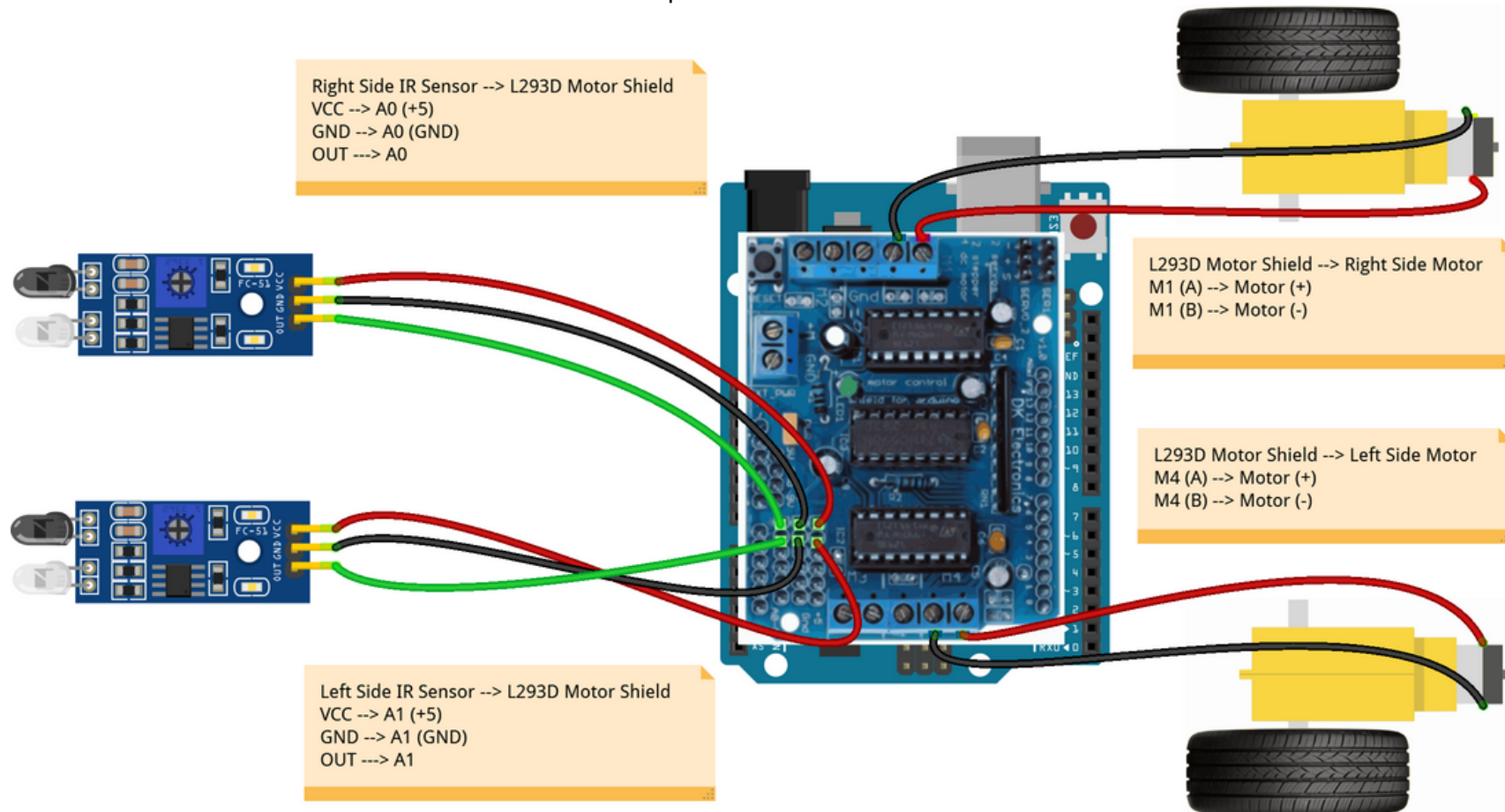## Scan QR code for YOUTUBE link assembly instructions

Circuit Diagram

- L293D Motor shield to be mounted on UNO R3.
- Power the UNO R3 using the 4cell AA battery holder
- Provide the connection as per the circuit diagram or watch the video for complete instructions.
- Install AFMotor.zip library
- Upload the code to UNO R3 board.
- Tune the IR sensors and place in the black line and see it follow

Right Side IR Sensor --> L293D Motor Shield
VCC --> A0 (+5)
GND --> A0 (GND)
OUT ---> A0

L293D Motor Shield --> Right Side Motor
M1 (A) --> Motor (+)
M1 (B) --> Motor (-)

L293D Motor Shield --> Left Side Motor
M4 (A) --> Motor (+)
M4 (B) --> Motor (-)

Left Side IR Sensor --> L293D Motor Shield
VCC --> A1 (+5)
GND --> A1 (GND)
OUT ---> A1

- This is 100% working model line following robot car and in any case it is not working even after following our instructions from YOUTUBE video please feel free to contact us at **+91 9344944239** and we would be glad to assist you.
- Install **Anydesk** software in your computer/laptop before contacting us so that we can connect and help you remotely.