



STEM

Science | Technology
Engineering | Mathematics

Bill of Materials

The robot's bill of materials:

If you would like to buy your own robot, here is the bill of materials that are used to assemble the CJ13 robots. All items are available from: Robotshop Distribution Inc (<http://www.robotshop.com/ca/>)

DFRobotShop Rover V2 - Arduino Compatible Tracked Robot

– PN: RB-Rbo-33

Lithium Polymer Battery - 3.7V 2000mAh

– PN: RB-Spa-556

Encoder Pair for Tamiya Twin Motor Gearbox

– PN: RB-Rbo-122

Sharp GP2Y0A21YK0F IR Range Sensor - 10cm to 80cm

– PN: RB-Dem-01

Analog Gas Sensor (MQ2)

– PN: RB-Dfr-200

DFRobot Moisture Sensor

– PN: RB-Dfr-161

Dagu Micro Servo Motor

– PN: RB-Dag-13