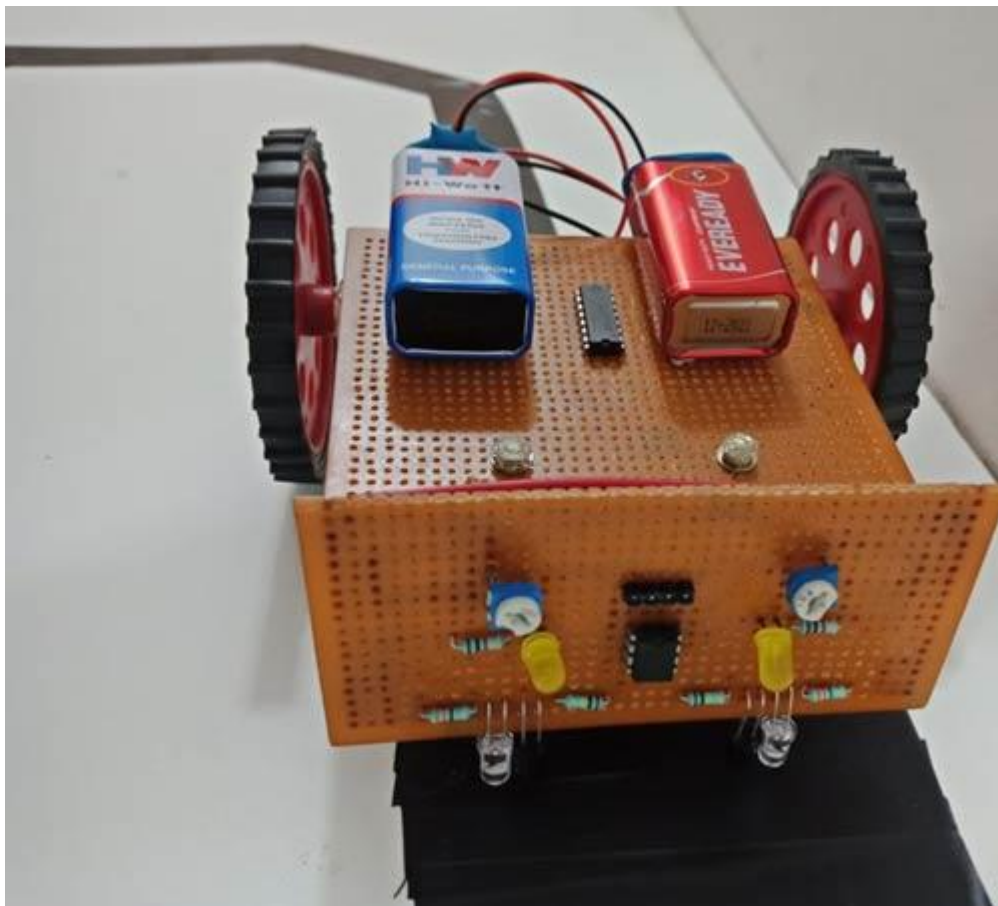


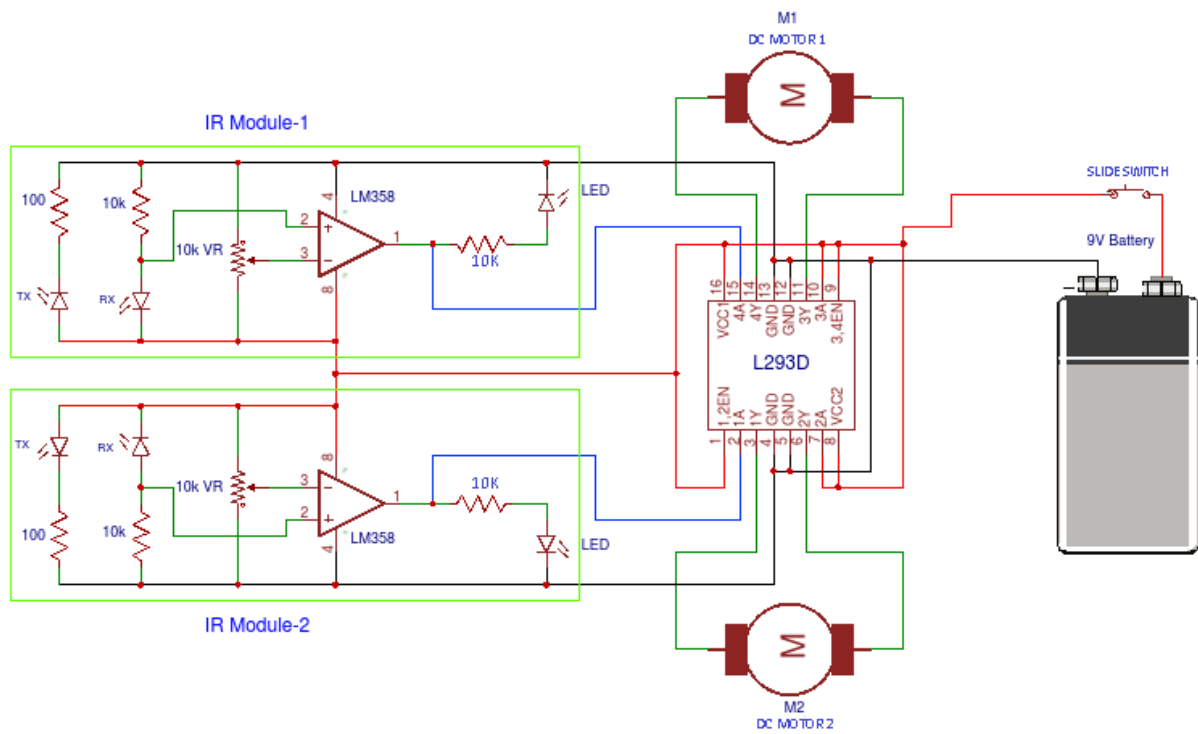
## Objectives

A Line Following Robot that does not utilize any microcontroller or programmable computers. This system is designed and created only by integrated computers.

## Hardware



# LINE FOLLOWING ROBOT SCHEMATIC DIAGRAM



## List of Materials

TYPE	VALUE/TYPE	QUANTITY
LM358	-	2
IC STAND	8 PINS	2
L293D	-	1
IC STAND	16 PINS	1
SOLDERING LEAD	-	APPX 2M
RESISTOR	10K OHM	2
RESISTOR	100 OHM	1
L.E.D	-	2
SWITCH	Slide	1
IR PAIR LED	-	2
PCB	2x1''	2
PC	2x3''	1
JUMPER WIRE	-	½ FT
VARIABLE RESISTOR	10k OHM	2
PIN HEADER	FEMALE	1
PIN HEADER	MALE	1
CONNECTING WIRE	MALE, FEMALE	10
STYROFOAM	HARD	1 BLOCK
GLUE	STICK	1 STICK
WHEEL	RC (SALVAGED)	2
WHEEL	CASTER	1
MOTOR	DC	2
TAPE	ELECTRICAL	APPX 3M