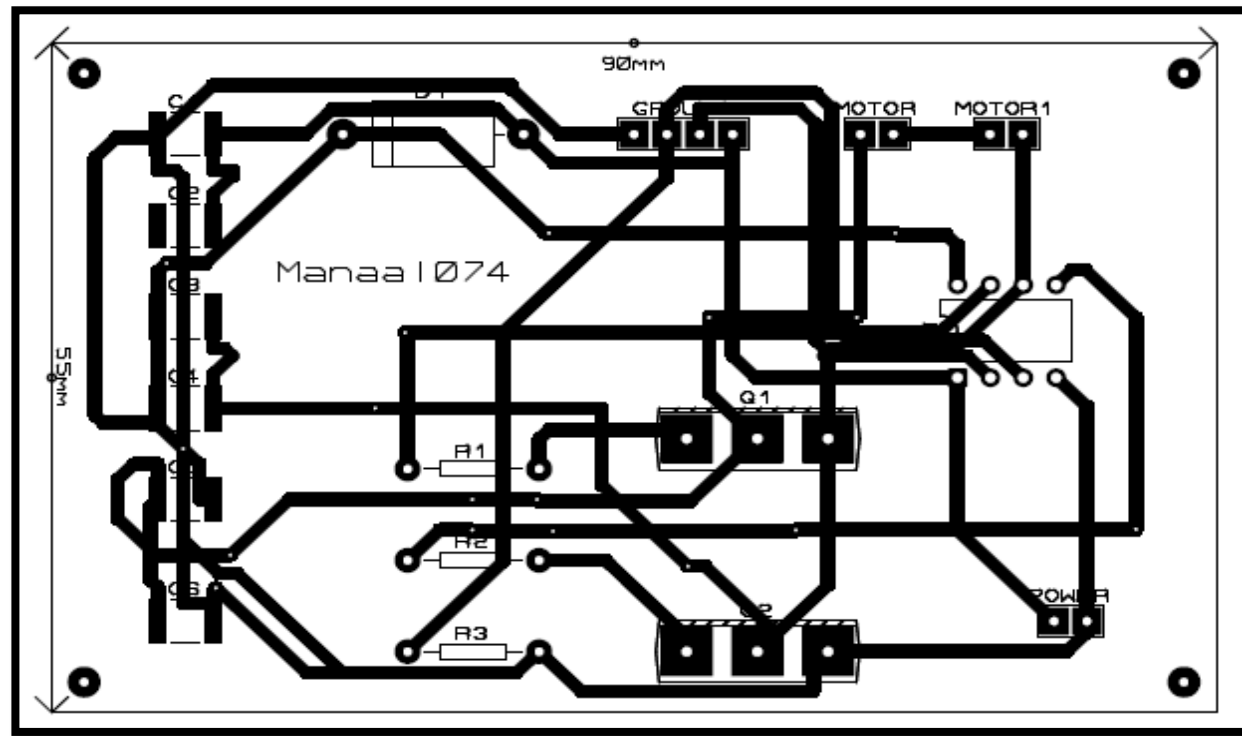
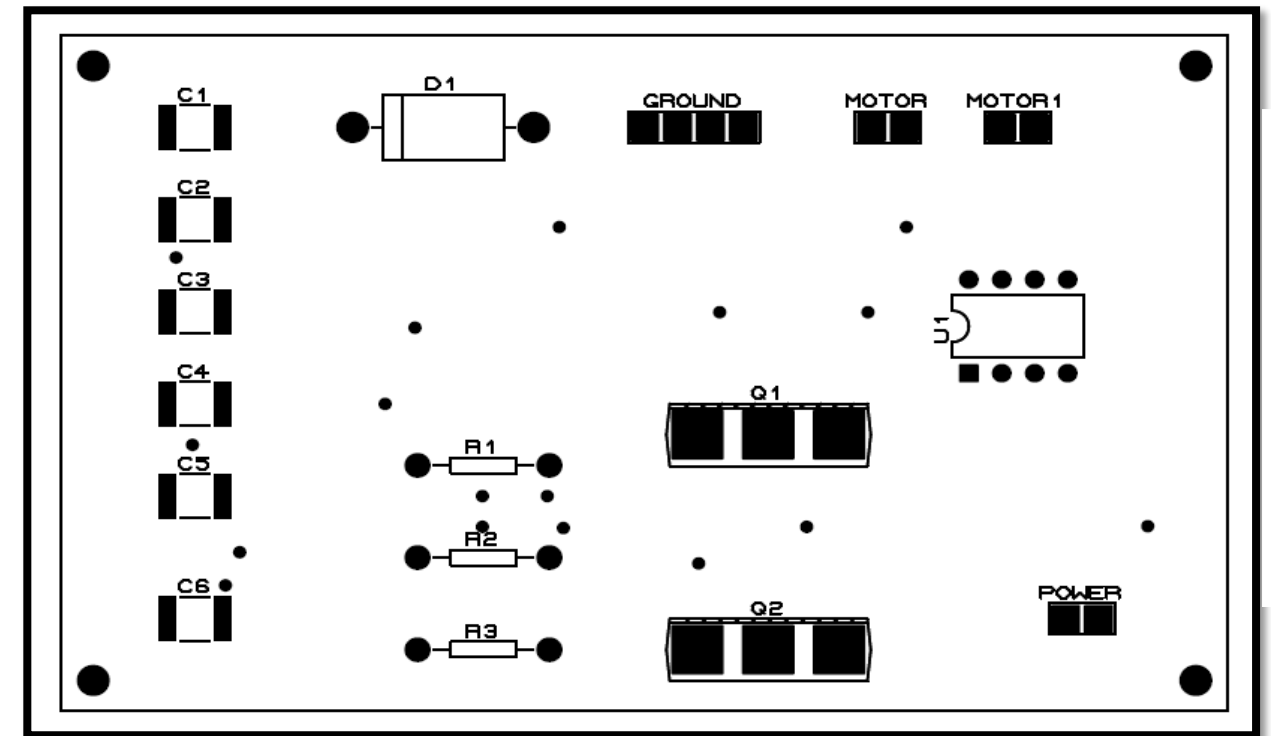


Lab # 12

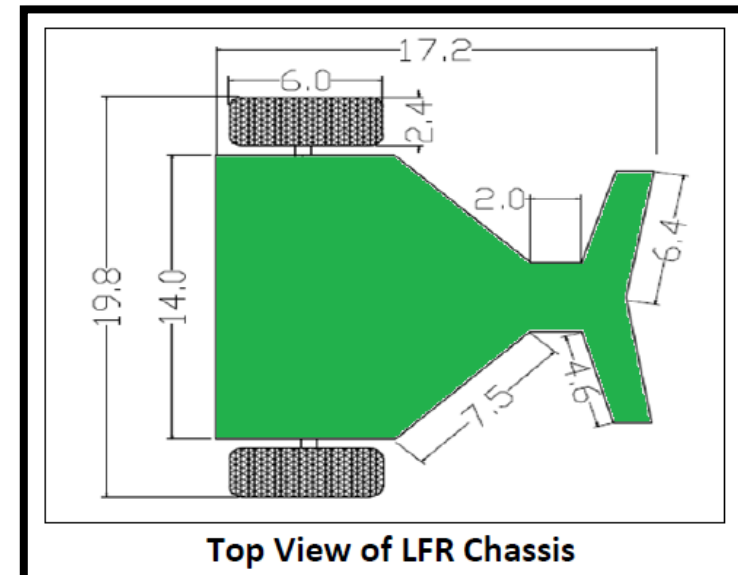


PCB All Layers

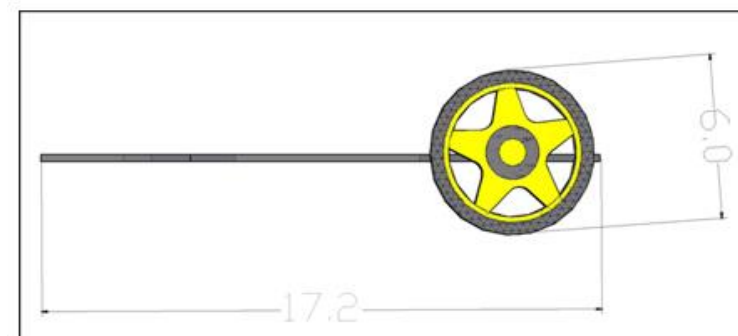


PCB Top Silk

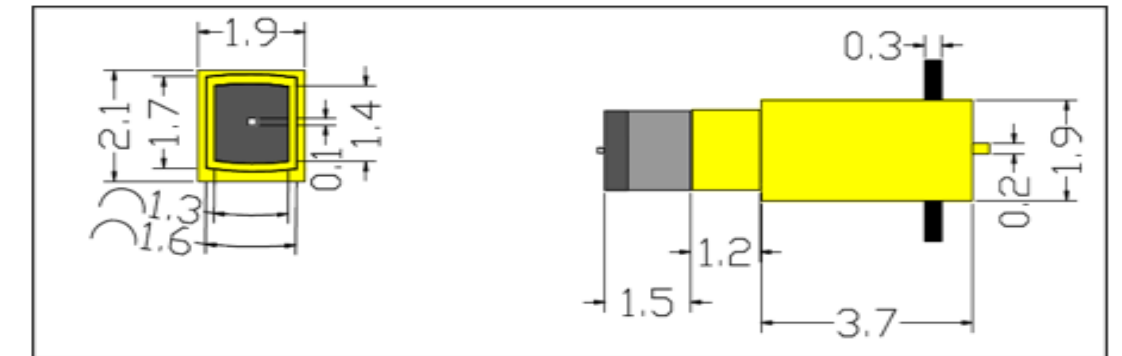
Serial No.	Components	Quantity
1	IR2104 (Hbridge)	X1
2	Battery	x1
3	2-Pin (CONN-SIL2)	X3
4	4-Pin (CONN-SIL4)	x1
5	MOSFET (IRFP150N)	X2
6	Capacitor	X6
7	Resistor	X3
8	Diode (1N5408)	X1
9	Wheels	X2
10	Motors	X2
11	IR sensors	X4



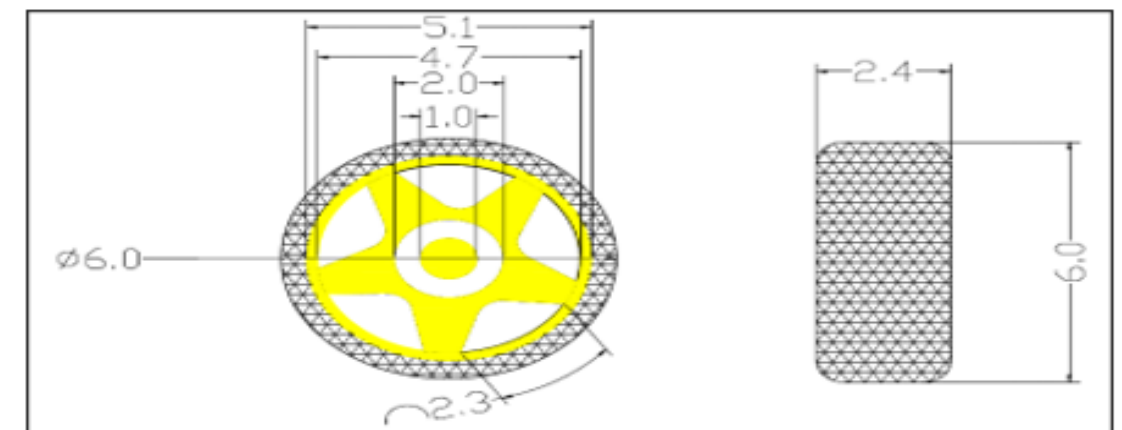
Top View of LFR Chassis



Side View of LFR Chassis



Front & Top View of Motor



Front & Top View of Wheel

Lab Final	
Name	Manaal Waseem
Reg no	FA18-BCE-074