

# Monster Truck : Driver Motor Board

28/06/2024

Company : \*\*\*\*\*

City : city

Country : country

Address : city

To be completed by the student

Firstname :

Lastname

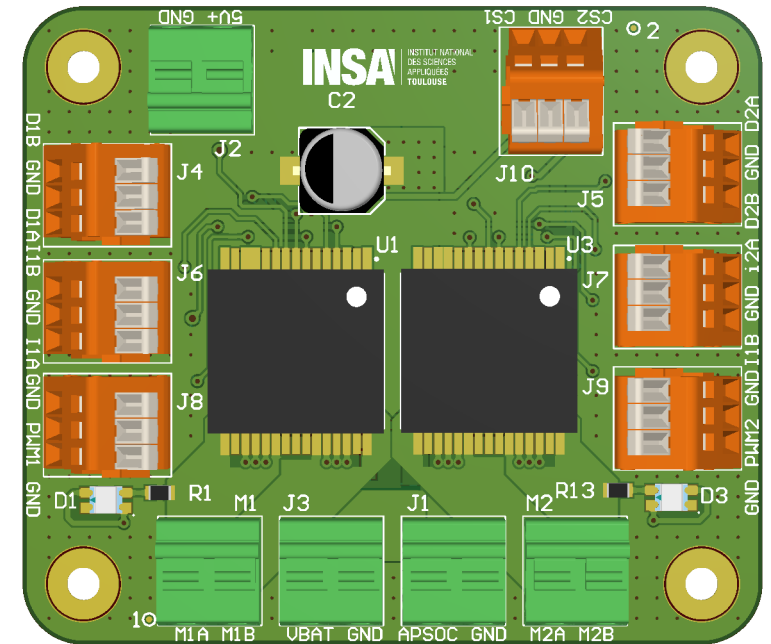
Group TP :

Current formation :

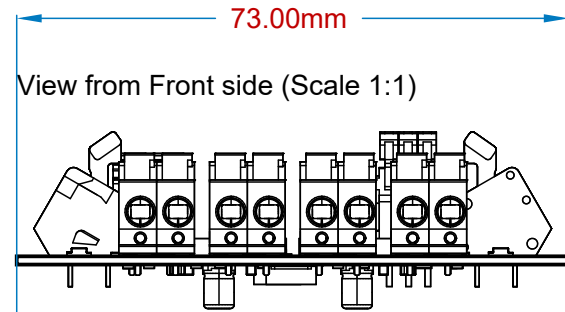
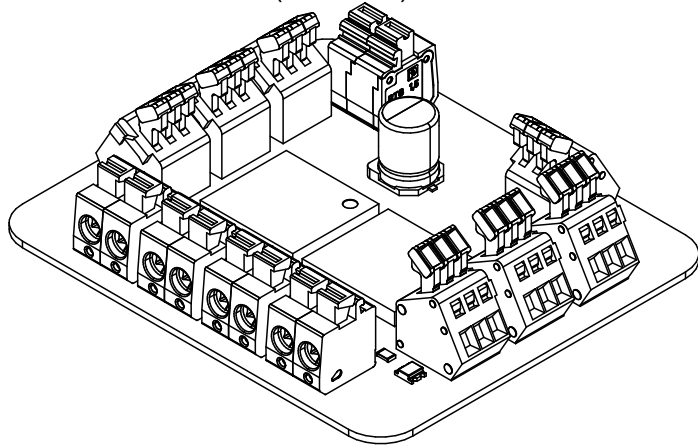
Date of TP :

Comments :

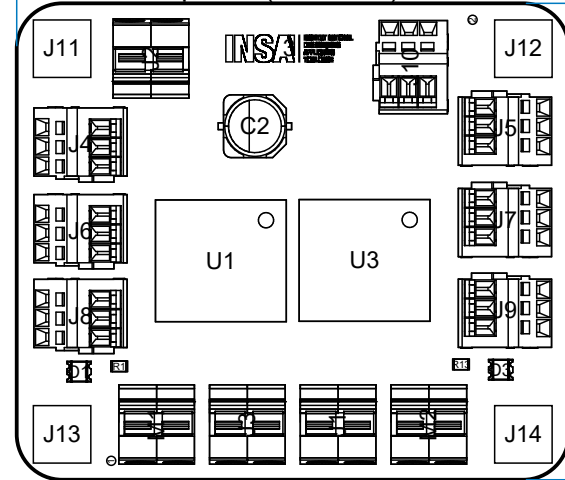
Realistic View



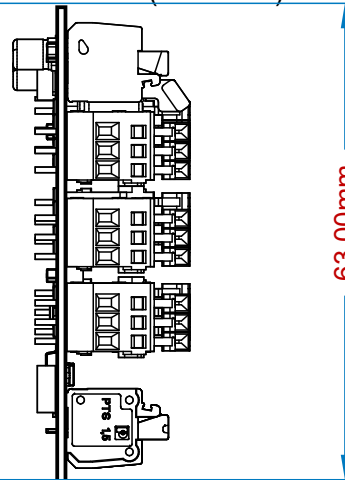
View from Front side (Scale 1:1)



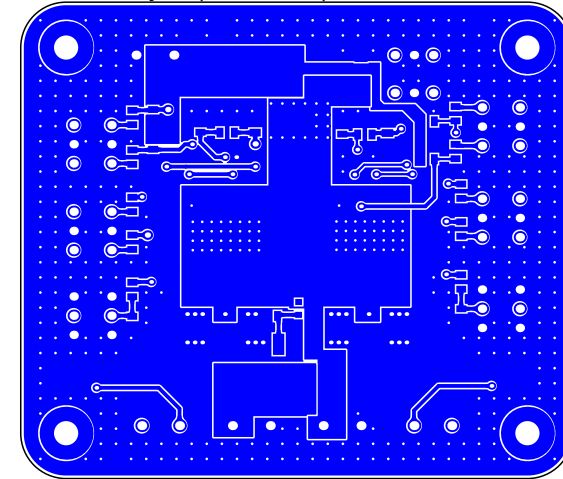
View from Top side (Scale 1:1)



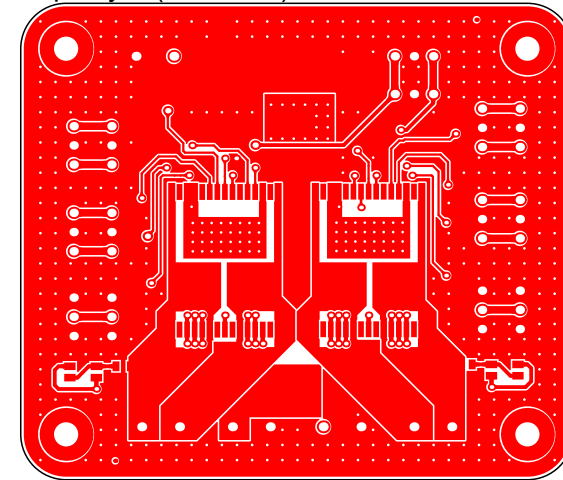
View from Left side (Scale 1:1)



Bottom Layer (Scale 1:1)



Top Layer (Scale 1:1)



Bill Of Materials

Line #	Designator	Comment	Quantity
1	C1, C3, C7	100nF / 50V	3
2	C2	470uF / 16V	1
3	C4, C5	10uF / 16V	2
4	D1, D3	HSMF-C157	2
5	D2	BZX84C10LT1G	1
6	J1, J2, J3, M1, M2	CON2	5
7	J4, J5, J6, J7, J8, J9, J10	CON3	7
8	Q1	IPD90P03P4-04	1
9	R1, R8, R10, R11, R13, R20, R21, R22	1k	8
10	R2, R3, R9, R14, R15	10k	5
11	U1, U3	VNH5019A-E	2
12	U2	LD1086DT50TR	1

Drill Table

Symbol	Count	Hole Size	Plated	Hole Tolerance
⊕	449	0.35mm	Plated	
☆	47	0.50mm	Plated	
✧	3	0.71mm	Plated	
○	42	1.12mm	Plated	
□	10	1.19mm	Plated	
▽	4	3.20mm	Plated	
	555 Total			

Drill Drawing View (Scale 1:1)

