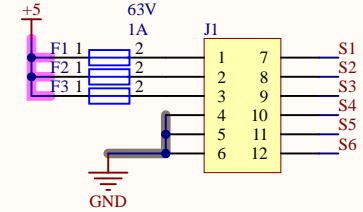
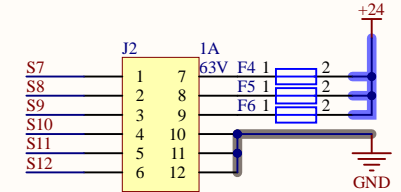


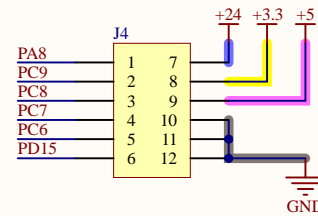
Sensors 1 Connector



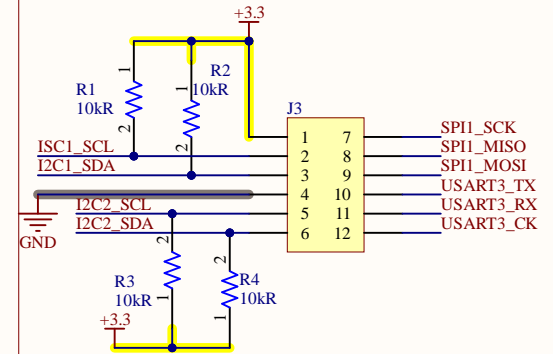
Sensors 2 connector



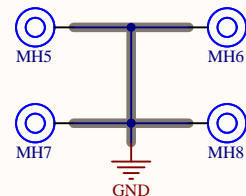
Expansion Connector



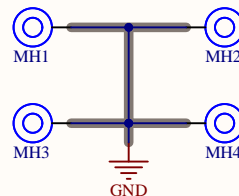
COMs Connector




PCB mounting holes



Shield mounting holes



Company: e-Tech Racing		e-techracing.es	
Project: Front ECU		Variant: [No Variations]	
Size: -	Page Contents: ETRX_FECU.SchDoc		Version: 1.0
			Department: Hardware
Author: Bernat Costa Cesari		bernat.costa.cesari@estudiantat.upc.edu	Sheet 1 of 5
Checked by: Andreu Senis			Date: 31/03/2024

A

B

C

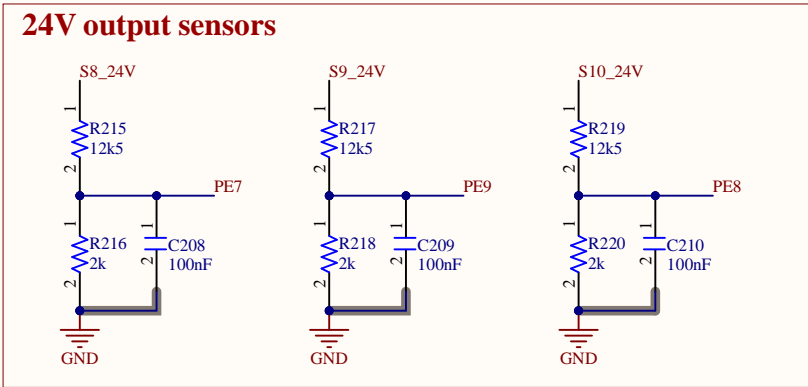
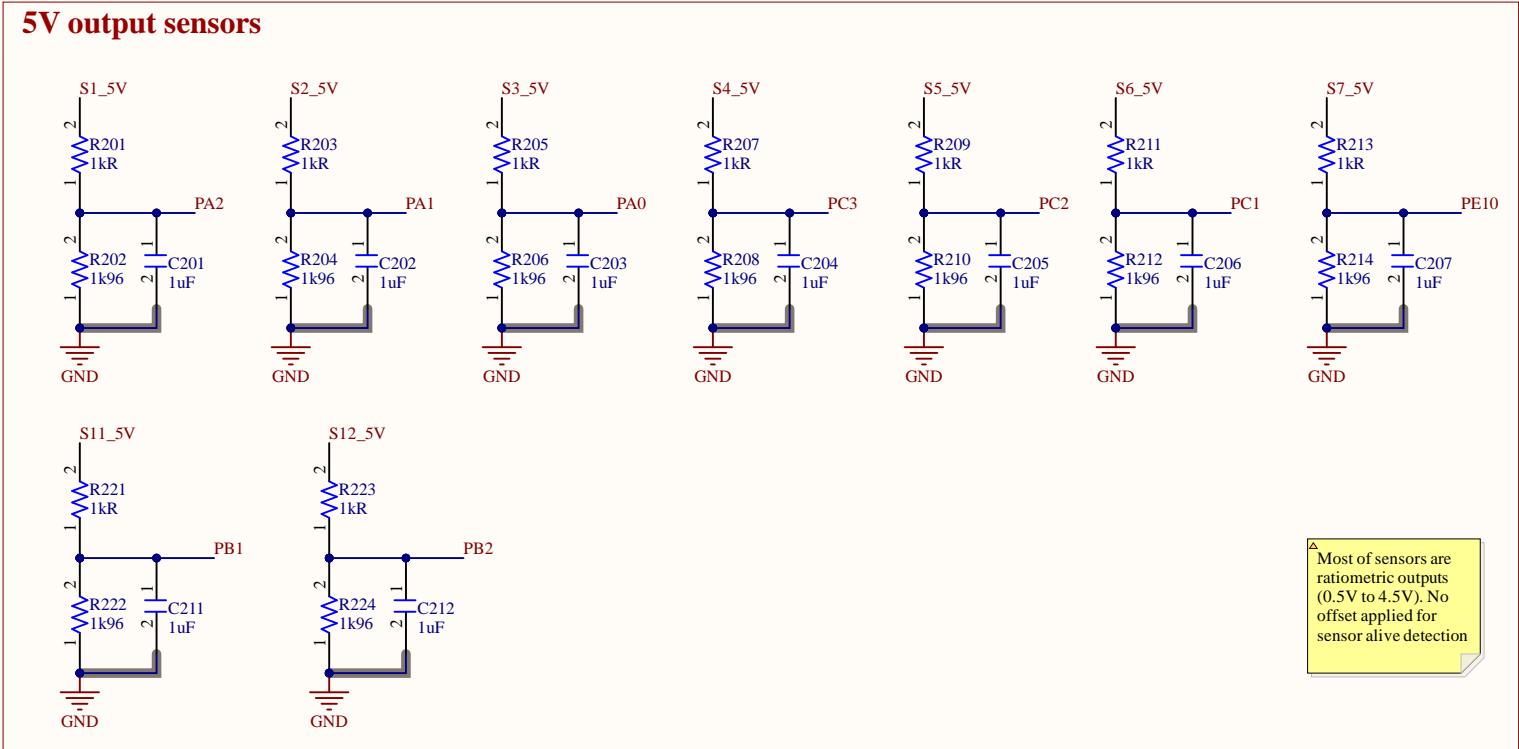
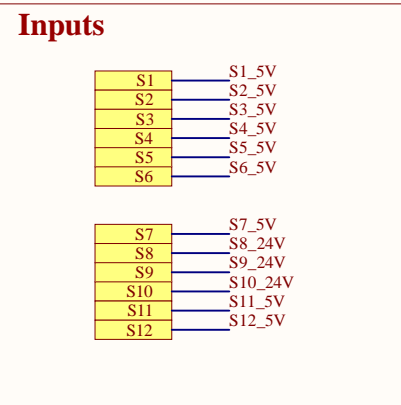
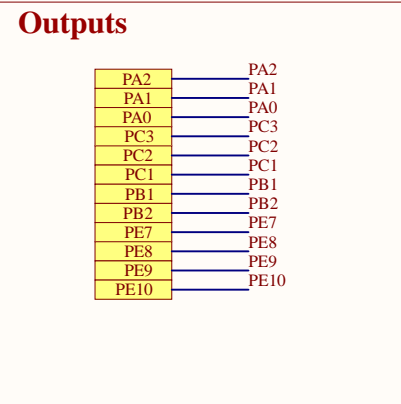
D

A

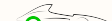
B

C

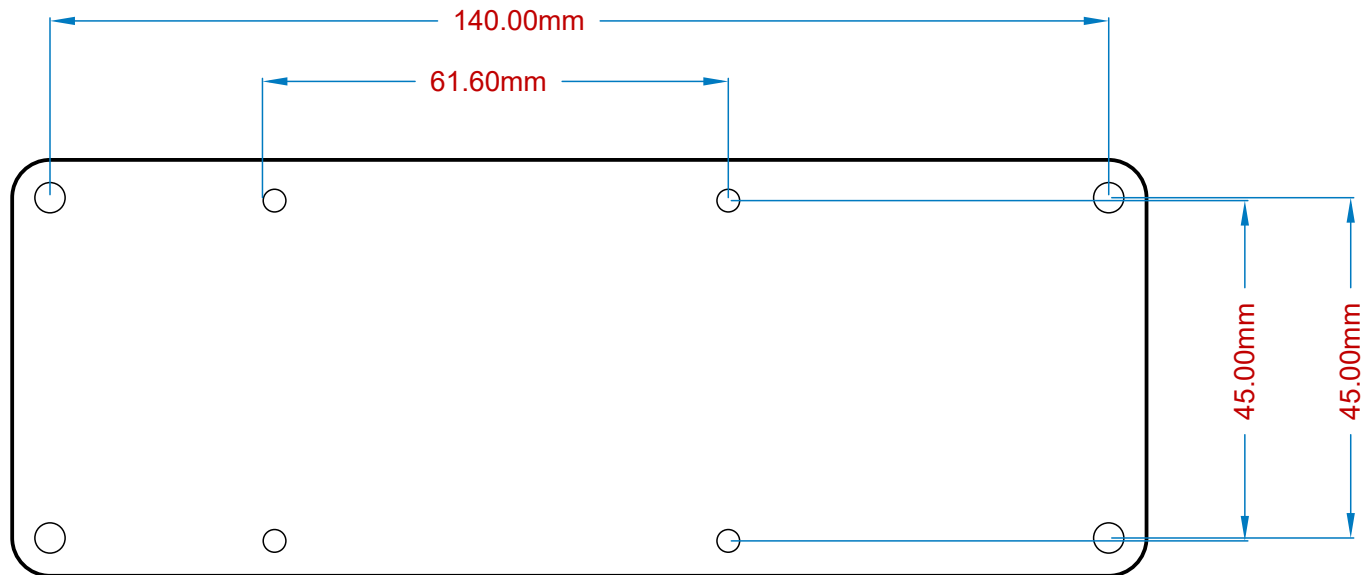
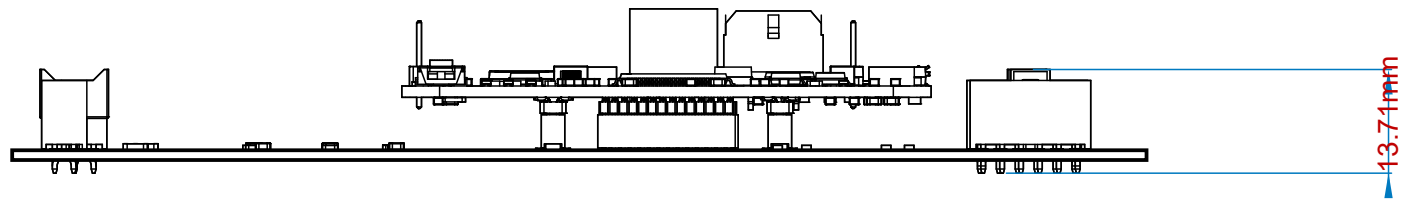
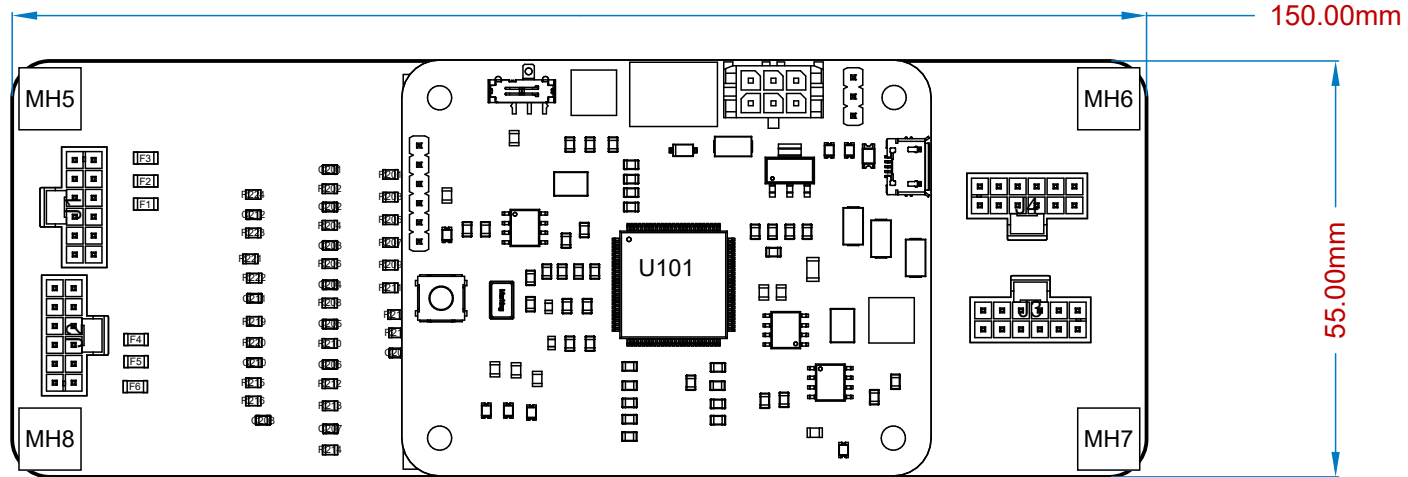
D



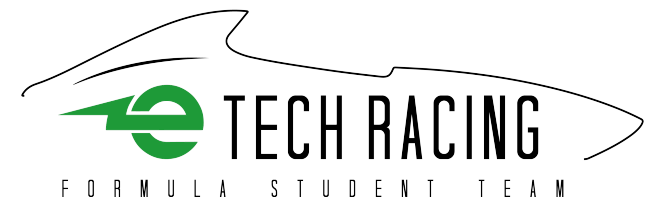
Can be used for digital inputs of 24V SDC

Company: e-Tech Racing		e-techracing.es	
Project: Front ECU		Variant: [No Variations]	
Size: -	Page Contents: [2] Sensors.SchDoc		Version: 1.0
			Department: Hardware
Author: Bernat Costa Cesari bernat.costa.cesari@estudiantat.upc.edu			Sheet 3 of 5
Checked by: Andreu Senis			Date: 31/03/2024

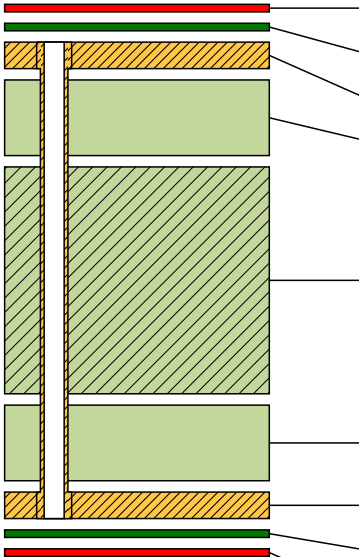
ETRX Front ECU 2024 v1.1



Bernat Costa Cesari



Line #	Designator	Name	Quantity
	C201, C202, C203, C204, C205, C206, C207, C211, C212	885012207103	9
	C208, C209, C210	885012207098	3
	F1, F2, F3, F4, F5, F6	0437001.WRA	6
	J1, J2, J3, J4	1053101112	4
	MH1, MH2, MH3, MH4	Mounting_Hole_M3	4
	MH5, MH6, MH7, MH8	Mounting_Hole_M4	4
	R1, R2, R3, R4	CR0805-JW-103ELF	4
	R201, R203, R205, R207, R209, R211, R213, R221, R223	CR0805-JW-102ELF	9
	R202, R204, R206, R208, R210, R212, R214, R222, R224	1k96	9
	R215, R217, R219	12k5	3
	R216, R218, R220	2k	3
	U101	ETR_SHIELD_III	1

	Material	Layer	Thickness	Dielectric Material	Type	Gerber
		Top Overlay			Legend	GTO
	Surface Material	Top Solder	0.01mm	Solder Resist	Solder Mask	GTS
	Copper	Top Layer	0.04mm		Signal	GTL
	Prepreg		0.10mm	PP-006	Dielectric	
			1.00mm	FR-4	Dielectric	
	Prepreg		0.10mm	PP-006	Dielectric	
	Copper	Bottom Layer	0.04mm		Signal	GBL
	Surface Material	Bottom Solder	0.01mm	Solder Resist	Solder Mask	GBS
		Bottom Overlay			Legend	GBO
Total thickness: 1.29mm						

