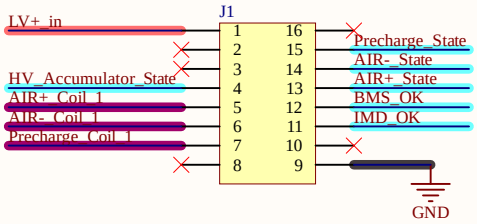
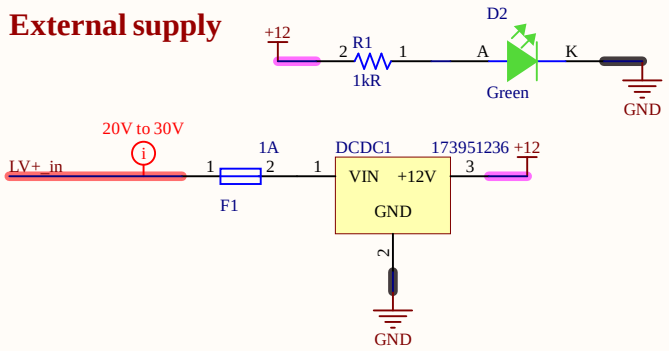
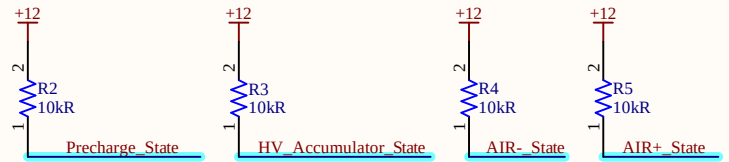
Connectors



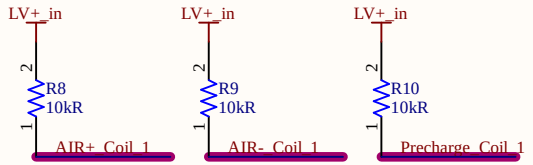
External supply



Cyan: External signal
Purple: Shutdown Circuit end
Red: Untreated supply
Pink: Treated supply



TSAL

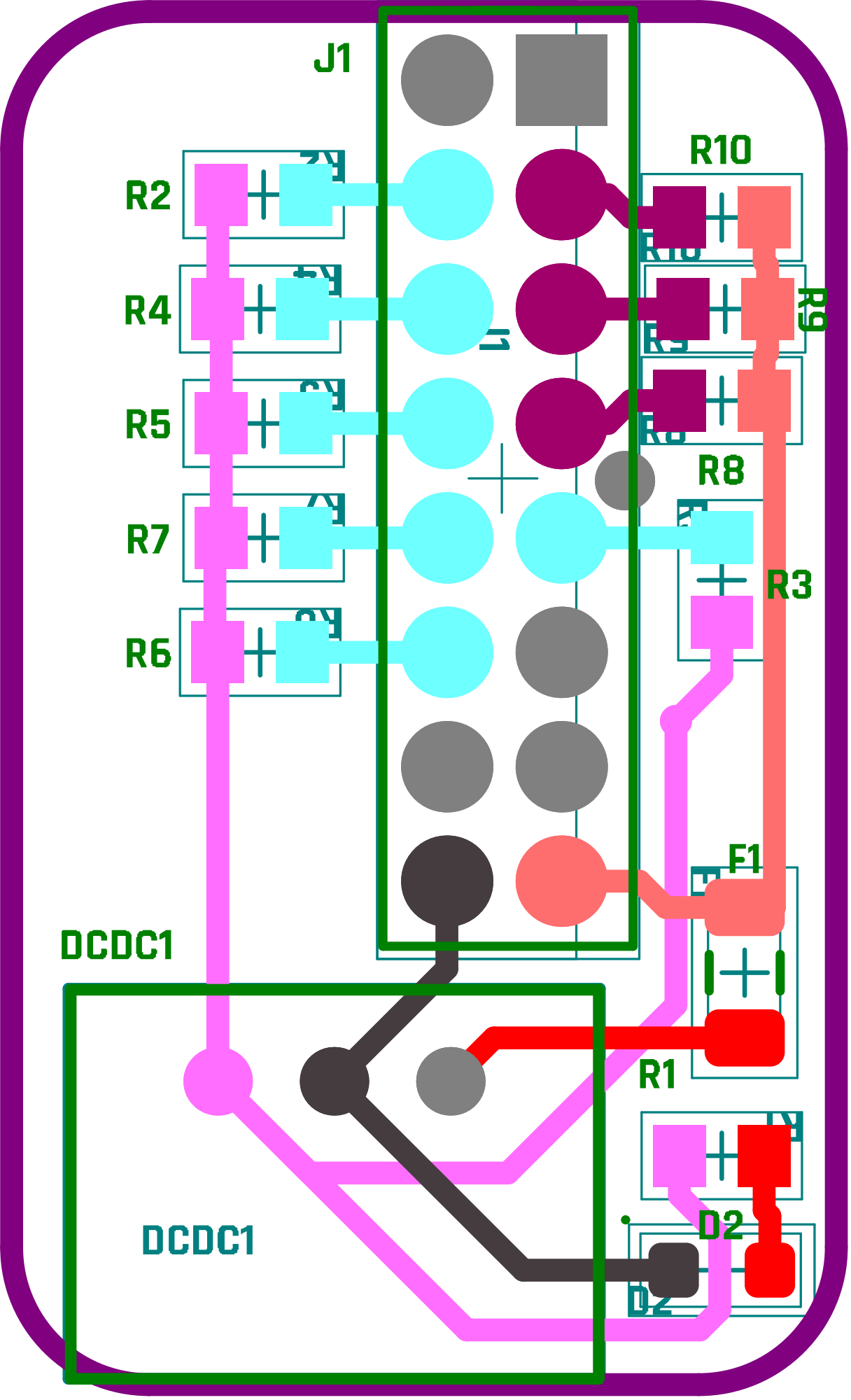


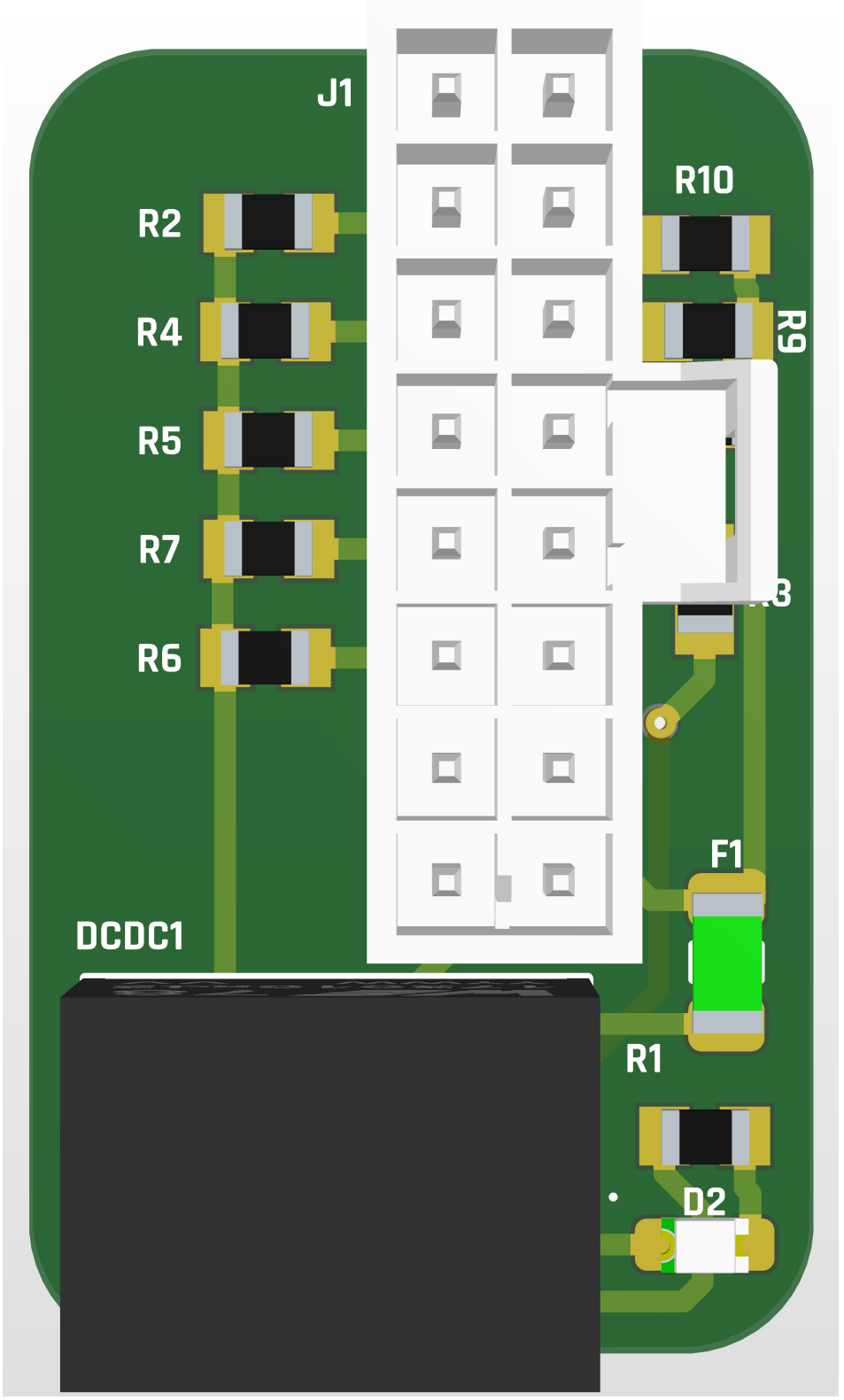
Relays' coils state

IMD & BMS

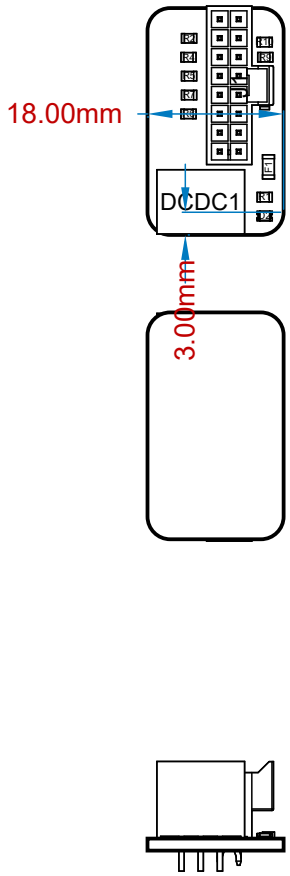
This PCB replaces Accumulator when not available to make TSAL Green to light up

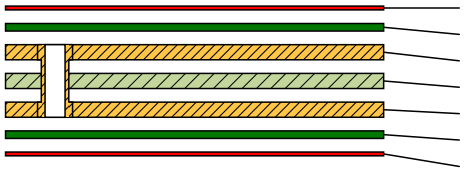
Company: e-Tech Racing Car79 e-techracing.es		
Project: TSAL_Dummy	Variant: [No Variations]	
Size: -	Page Contents: TSAL_Dummy.SchDoc	Version: 1.0
		Department: Powertrain
Author: David Redondo dredondovinolo@gmail.com		Sheet 1 of 1
Checked by: David Redondo UPC EEBE BARCELONA		Date: 28/03/2023


J1
R10
R2
R4
R5
R7
R6
R8
R3
R9
F1
DCDC1
R1
D2
DCDC1


J1
R2
R4
R5
R7
R6
R10
R9
F1
DCDC1
R1
D2

Designator	Name	Quantity
D2	150080VS75000	1
DCDC1	173951236	1
F1	0437001.WRA	1
J1	1053101116	1
R1	CR0805-JW-102ELF	1
R2, R3, R4, R5, R6, R7, R8, R9, R10	CR0805-JW-103ELF	9





Material	Layer	Thickness
	Top Overlay	
Surface Material	Top Solder	0.010mm
Copper	**Top Layer**	**0.035mm**
		1.500mm
Copper	**Bottom Layer**	**0.035mm**
Surface Material	Bottom Solder	0.010mm
	Bottom Overlay	

Total thickness: 1.590mm

TSAL Inverters