

- [] [] [] []
https://digitalcommons.calpoly.edu/cgi/viewcontent.cgi?params=/context/mesp/article/1639/&path_info=Formula_SAE_Monocoque_Chassis_Development__Final_Design_Report.pdf
- KTH [] [] [] [] [] [] [] [] <https://www.diva-portal.org/smash/get/diva2:1782728/FULLTEXT01.pdf>
- Monash [] [] [] [] [] []
<https://static1.squarespace.com/static/5e2a78aea2dc434ac475b5a4/t/5fd15426273c8f5542a701b4/1607554201728/MMS+Final+Year+Thesis+Collection+-++Carbon+Fibre+Composite+Monocoque+Chassis+for+Formula+Student+-++Leon+Shi+and+Kieran+Rice.pdf>
- AMZ [] <https://www.linkedin.com/pulse/design-calculation-production-single-seater-prototype-lukas-frei-pjpve>

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1.

Aeropackage Design

Mind Map

- :
- : G
 AutoX %
 EX:
- 35% Cla > 3
- :
- FSAE Cla 10%
- :

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?????????:

1. :
 - pitch moment
 -
2.

?????????

1. :

6. (ctrl+g)
7. check geometry

Meshing

1. watertight geometry
2. mm
3. local sizing
4. apply surface mesh
5. improve surface mesh skewness 0.9
6. describe geometry
7. update boundary
8. create region
9. update region
10. add boundary layers

 y+=1
11. create volume mesh
12. improve volume mesh 0.04-0.15

Solver

1. unit() km/h
2. inlet 50km/h
3. outlet average pressure outlet
4. wall : a. ground=>moving wall b. tires=>rotating wall
 v=rw
5. reference value
6. force report
7. initialize
8. run calculation

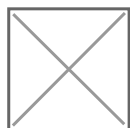
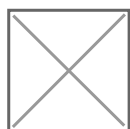
TTR????

0603LED??????

[WL-SMCD SMT Mono-color Chip LED Diffused](#)

□□	□□	□□	Vf@□□	If@□□	3.3V□□	5V□□
150060BS550 40	Blue	470	2.94V@5mA	5mA@20mcd	75	412
150060GS550 40	Green	525	2.18V@918uA	918uA@20mcd	1.21k	3.09k
150060YS550 40	Yellow	589	1.95V@3.65mA	3.65mA@20mcd	374	845
150060SS550 40	Super Red	630	1.86V@5.05mA	5.05mA@20mcd	287	620
150060VS550 40	Bright Green	573	1.90V@6.38mA	6.38mA@20mcd	220	487

BSPD????



<https://www.lem.com/en/product-list/dhab-s118>

Isolation SWD???

image

BSPD????

- BSPD [] (1V~5V) []
- [] 5V []
- []
- []
- []
- [] 0.2V []
- [] 3.465 []
- 14.46A []
- [] 0.5V []
- []
- []

$3.465 * 0.66 = 2.2869V$

STLink

image

image

0609

image

image

tags: TTR