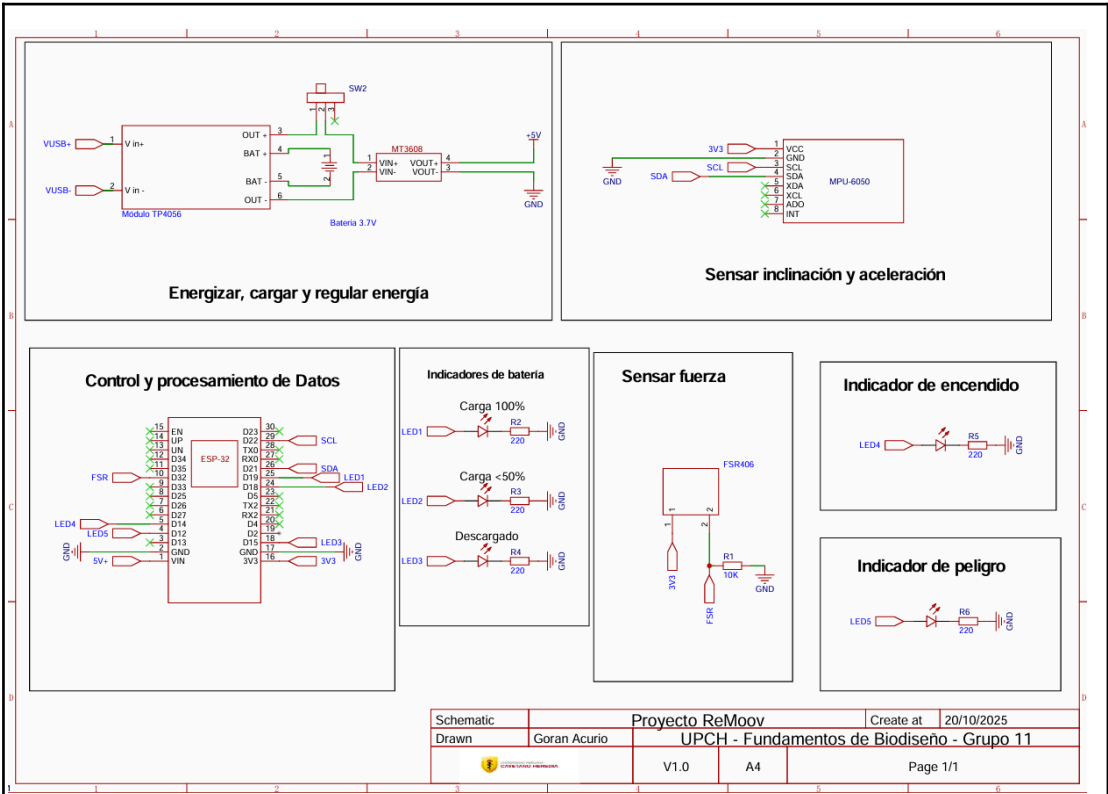
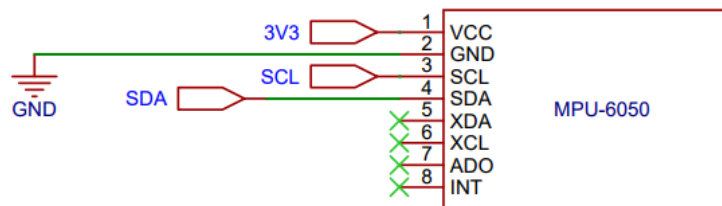
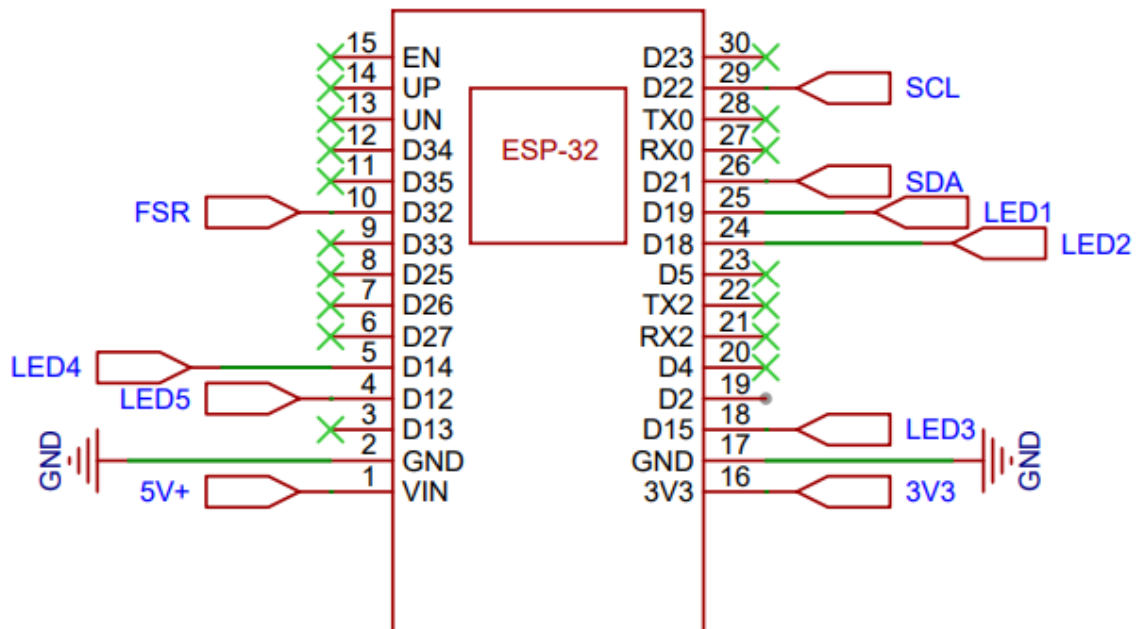


Entregable N°8 - Grupo 11

a. Esquema electrónico de la solución:

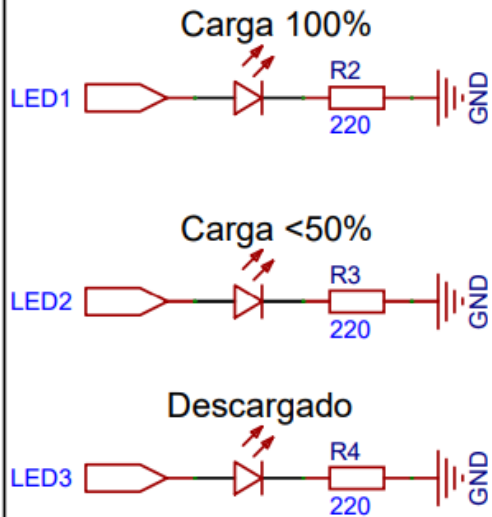


Control y procesamiento de Datos

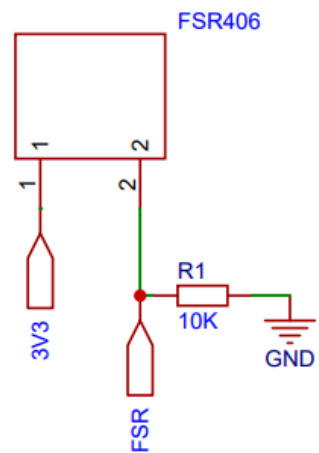


Sensar inclinación y aceleración

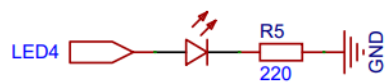
Indicadores de batería



Sensar fuerza



Indicador de encendido

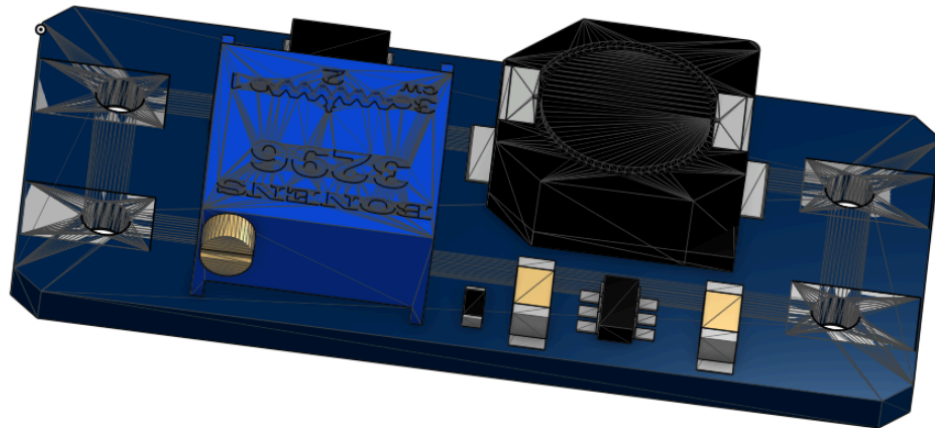


Indicador de peligro



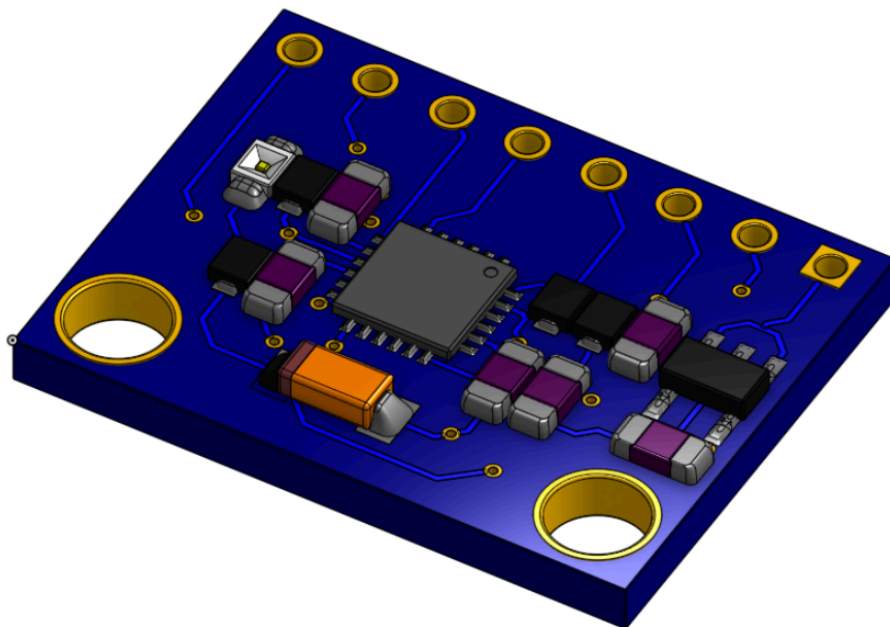
b. Modelados de componentes electrónicos:

- Módulo MT 3608



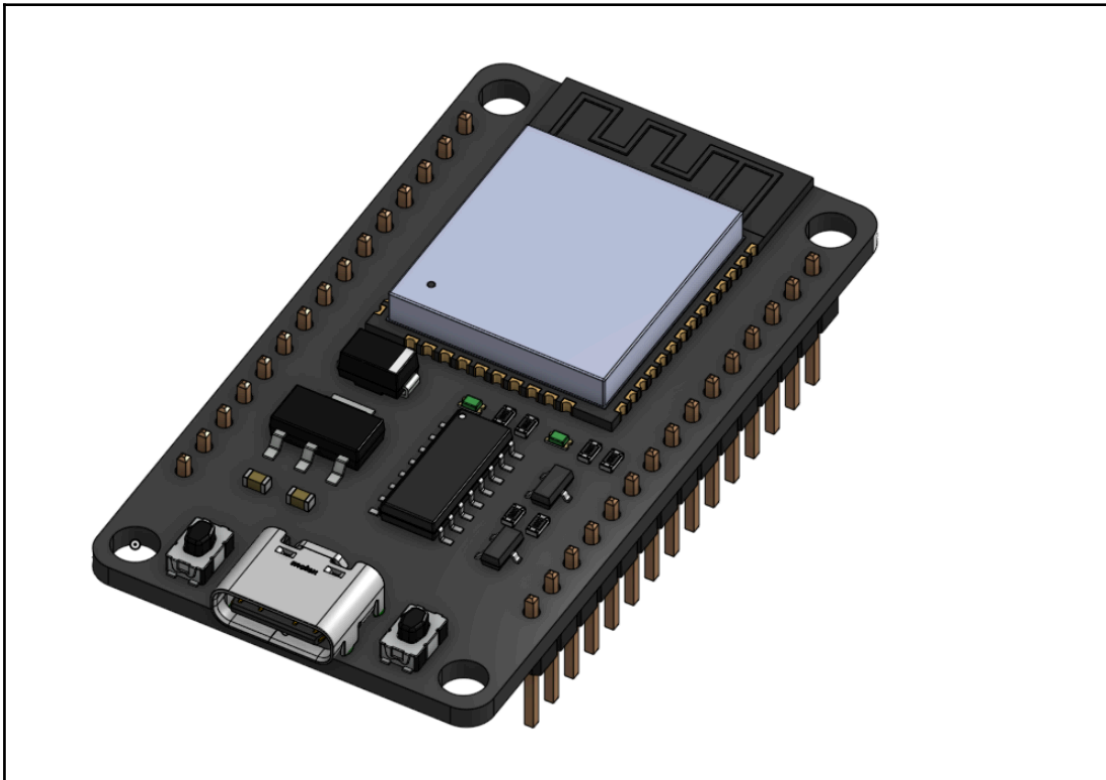
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- MPU 6050



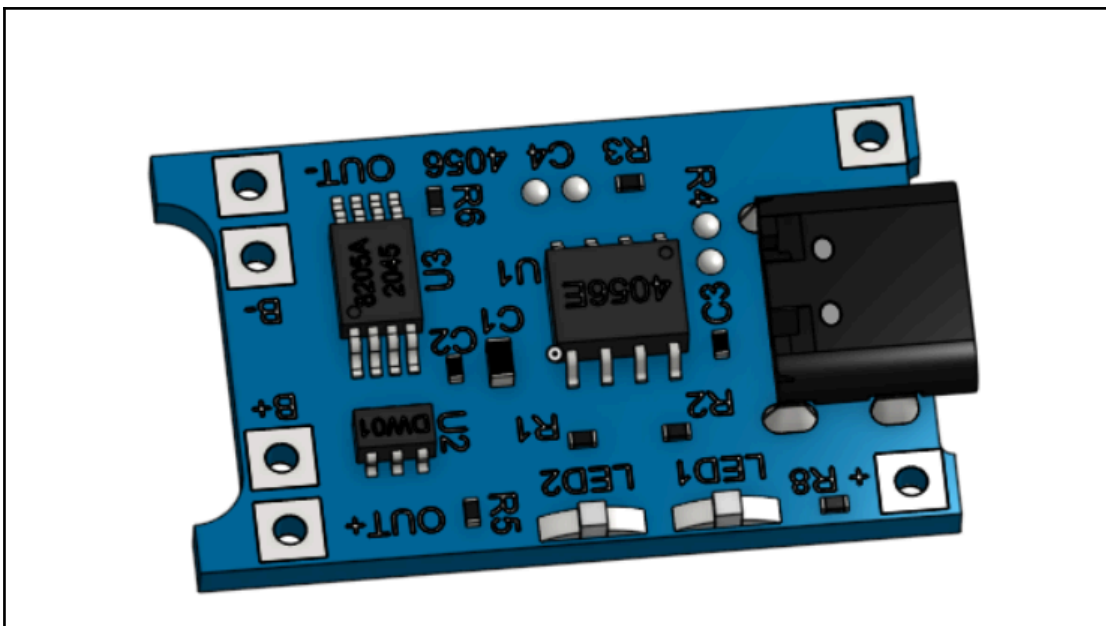
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- ESP32



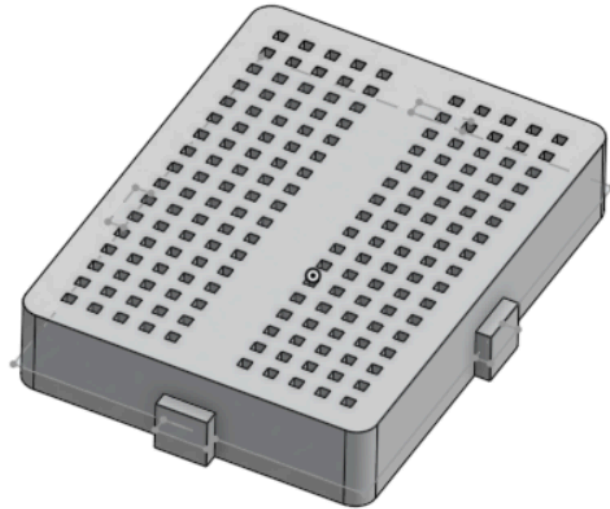
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- Módulo TP4056



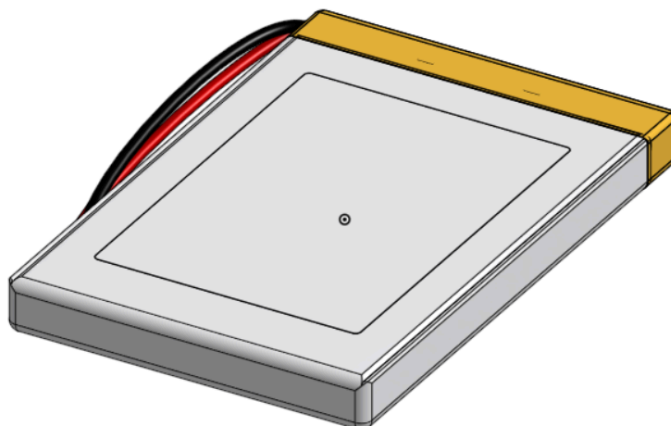
<https://cad.onshape.com/documents/8dac967d7395424ce5ba9a42/w/2ec2420eda60c145231733ee/e/40dcc385c61f7fa680875e28?renderMode=0&uiState=68fa51d7b81173cae62f127c>

- Protoboard



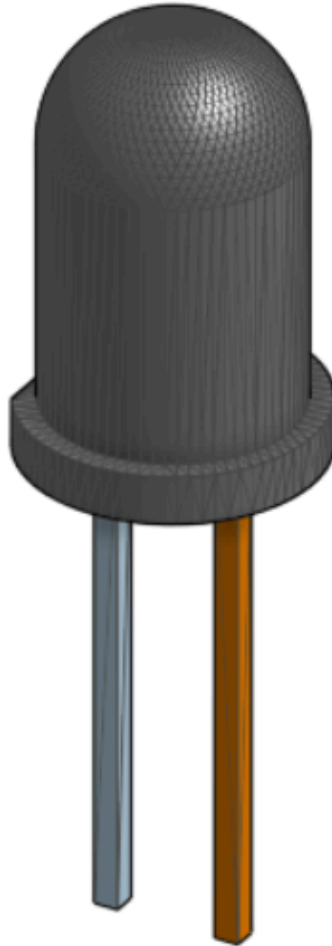
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- Bateria Li-ion



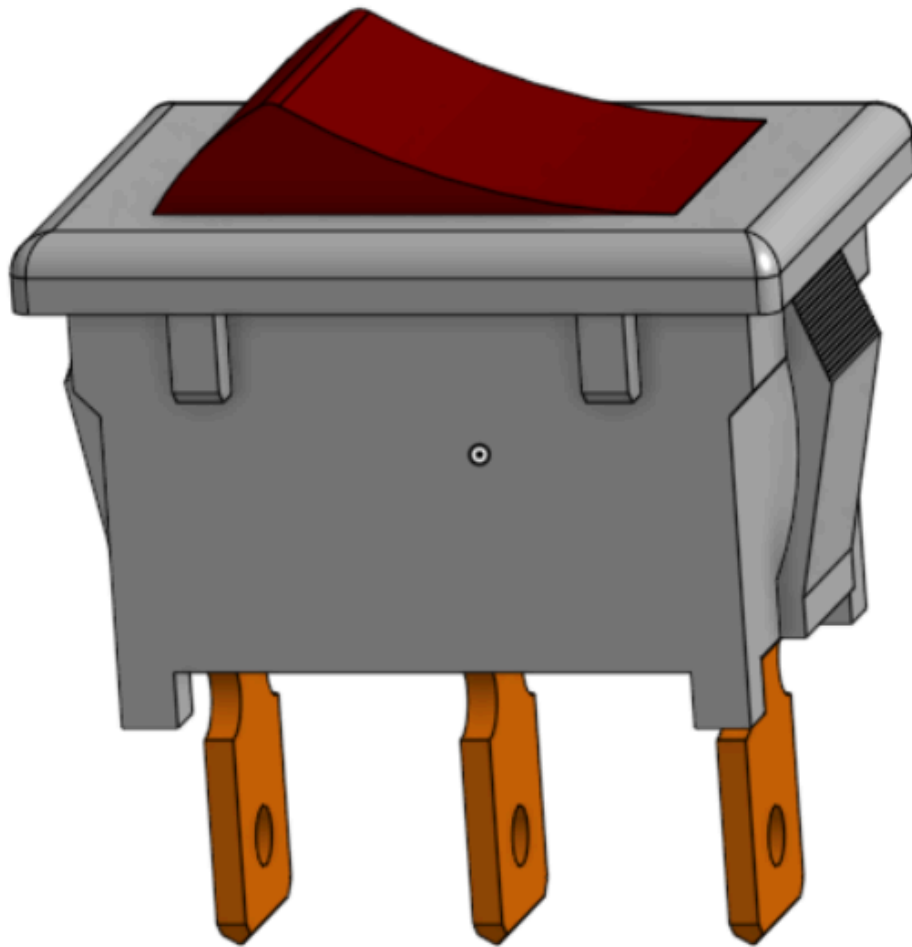
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- Luz LED



<https://cad.onshape.com/documents/3699b5ab19d034abb6495021/w/ee625ca248b2e5beb131fcf7/e/4b81ebe2f528f4fc9cda4674?renderMode=0&uiState=68fa8dd17f3ad056919cdeb23>

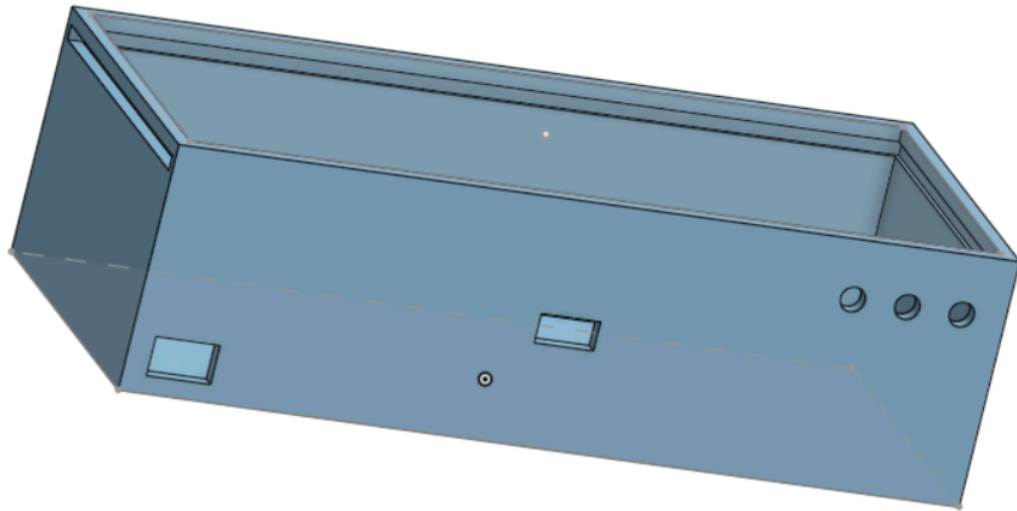
- Switch ON/OFF



<https://cad.onshape.com/documents/891d18bd603dfe23531a4aa9/w/d4f42a1e21768dab3a62e97a/e/18de39994cf2438b997edd64?renderMode=0&uiState=68fa8f2fc20a4e42bf74cfc5>

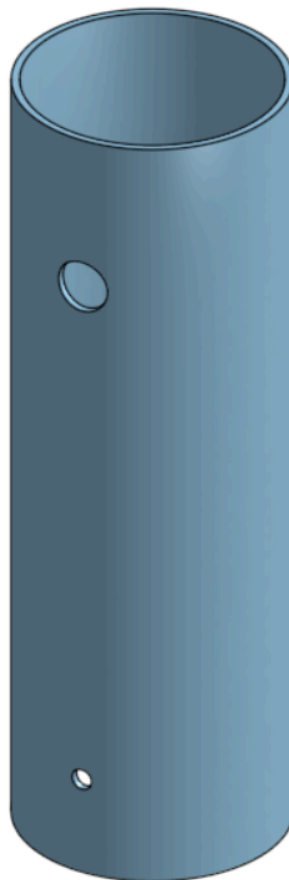
c. Modelados de las partes del dispositivo:

- Caja de componentes electrónicos (v1)



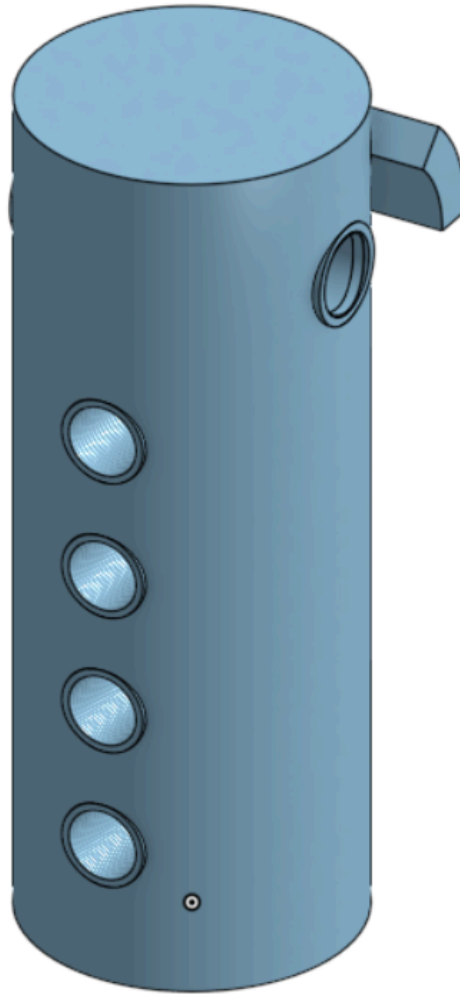
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- Palanca externa (v1)



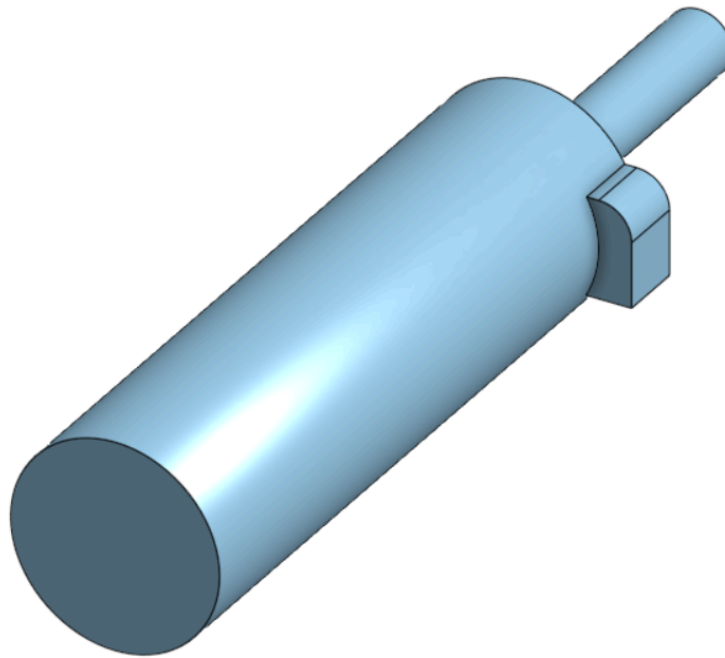
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- Palanca interna regulable (v1)



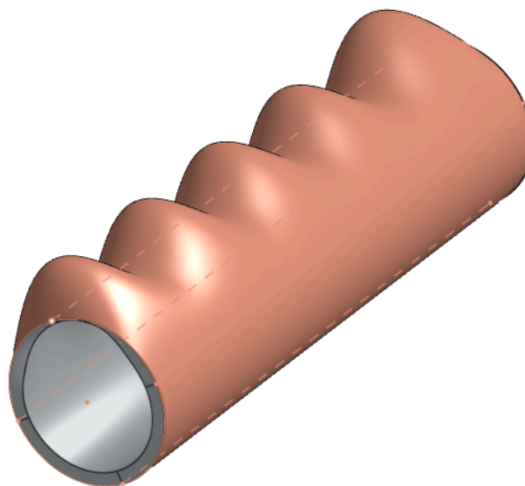
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- Manillar de palanca: (v1)



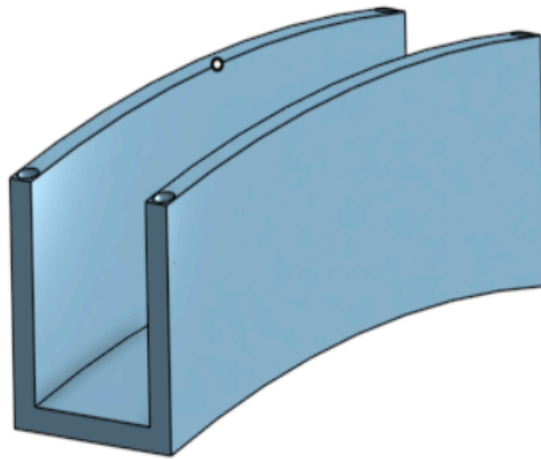
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- Cobertor del manillar (v1)



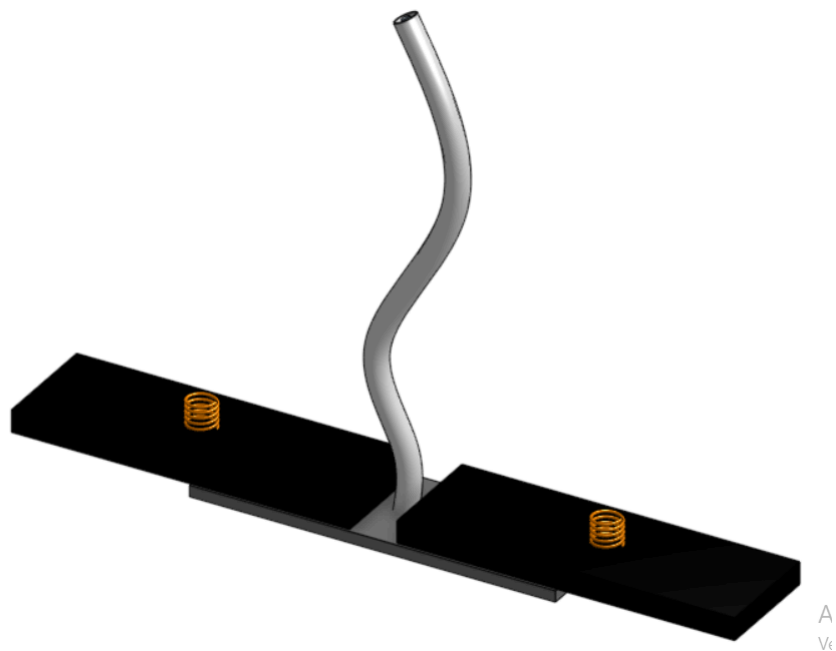
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- Marco en C (2)



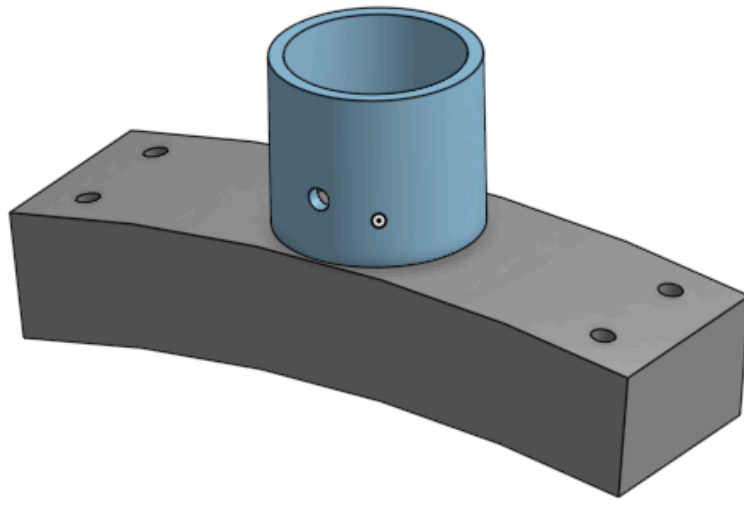
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-Mecanismo Interno:



<https://cad.onshape.com/documents/46d9706a421488ea0536d395/w/141e5e96b8dc31a0eef05860/e/b560f1952be36f2afecad66a?renderMode=0&uiState=68fadd7aad2acac88483e010>

- Marco en C (1)



<https://cad.onshape.com/documents/ec4d0679214404f7d9f152c7/w/eeeeba341a6782dd9a8463333/e/07f44ee08949e7967a711e6f?renderMode=0&uiState=68faed22136c3e6cc8e5742b>