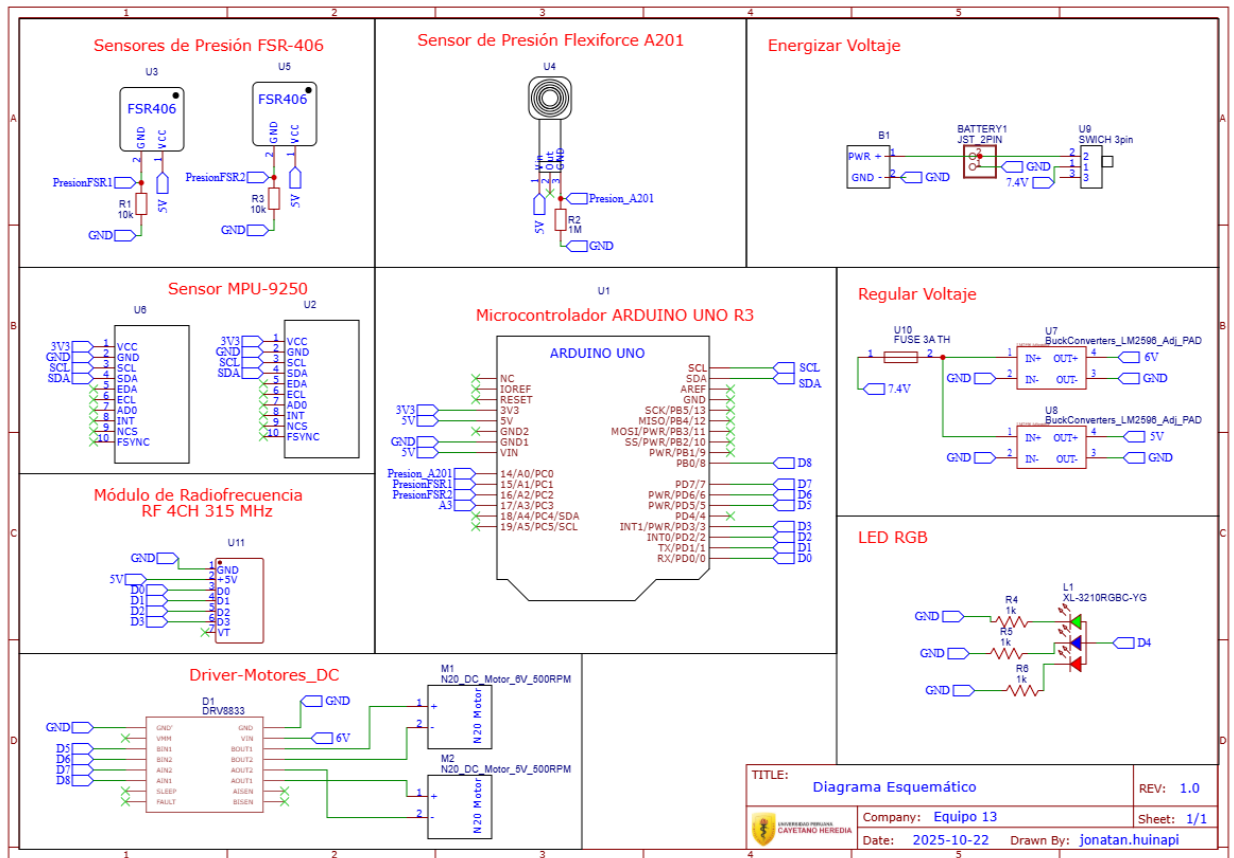


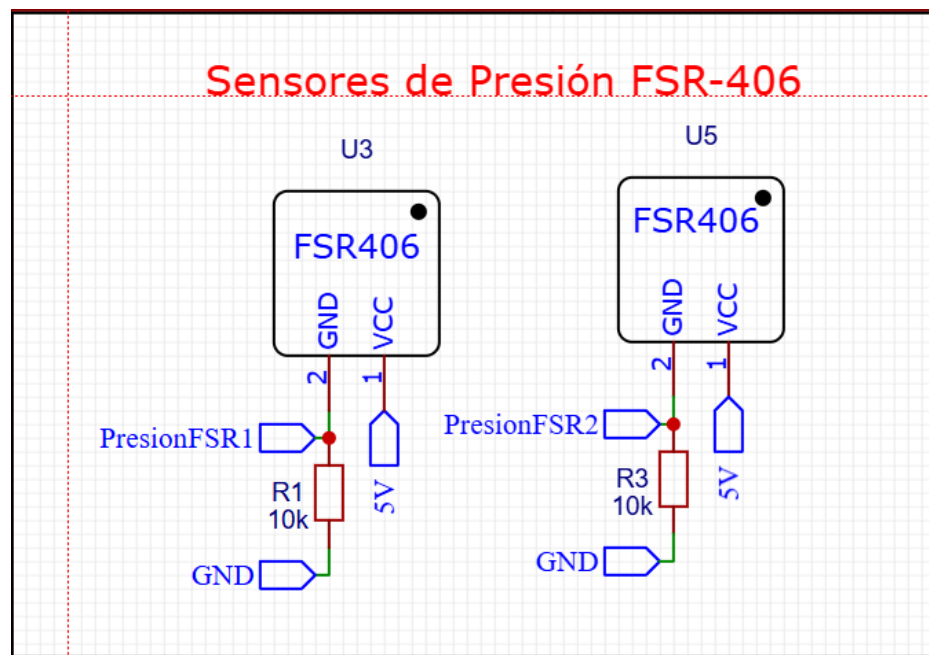
Entregable N°8

Diseño esquemático del prototipo

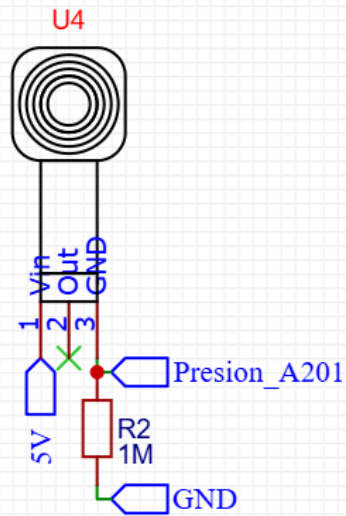
1. Esquema completo



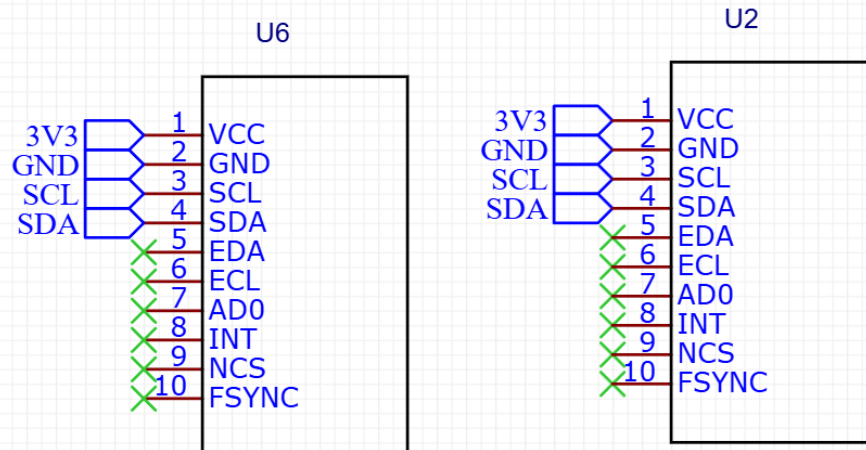
2. Módulos



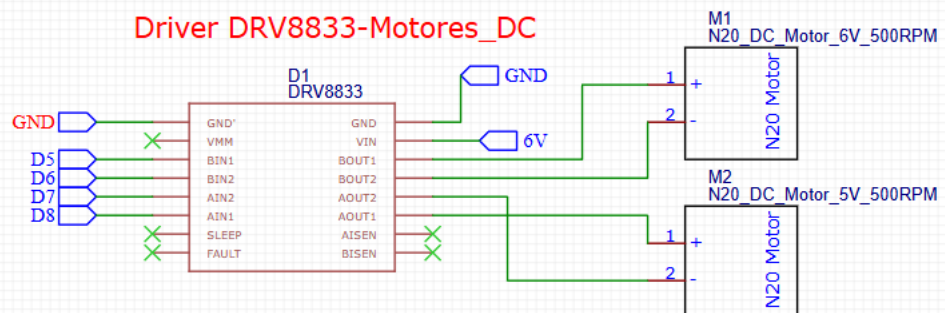
Sensor de Presión Flexiforce A201



Sensor MPU-9250

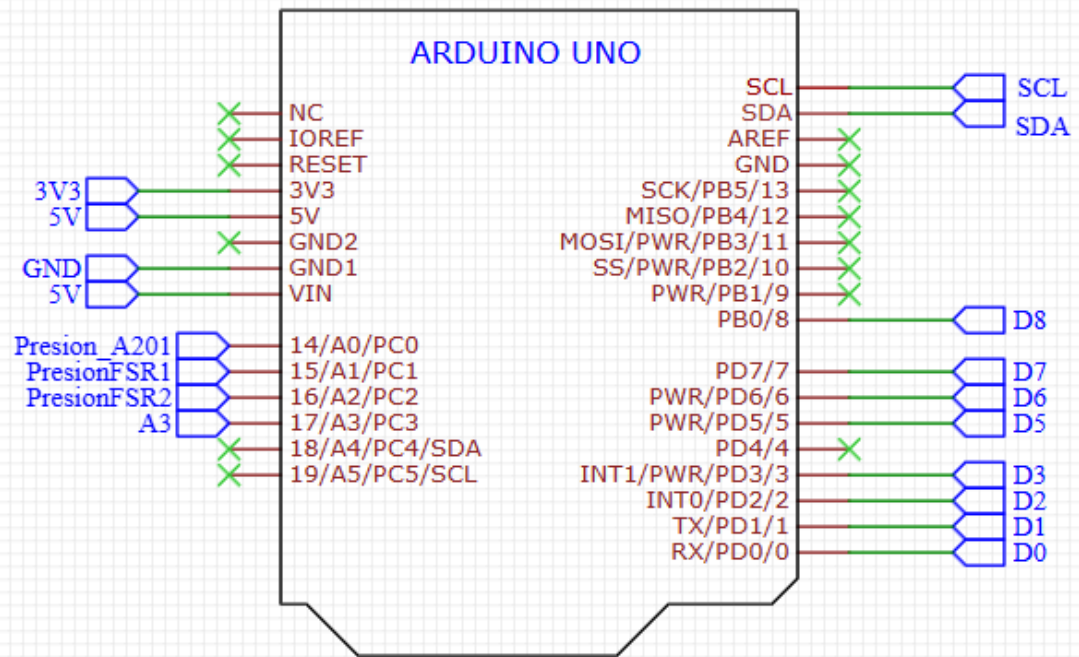


Driver DRV8833-Motores_DC



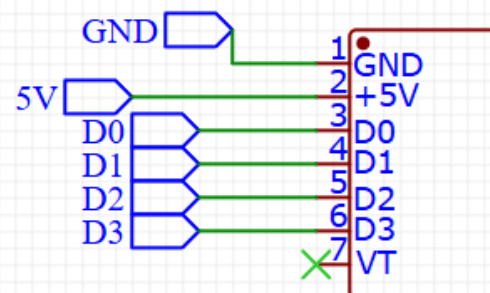
U1

Microcontrolador ARDUINO UNO R3

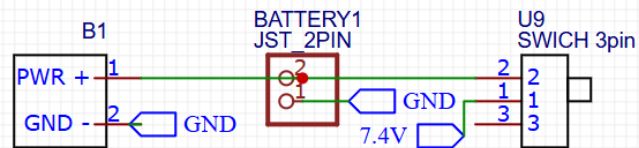


Módulo de Radiofrecuencia RF 4CH 315 MHz

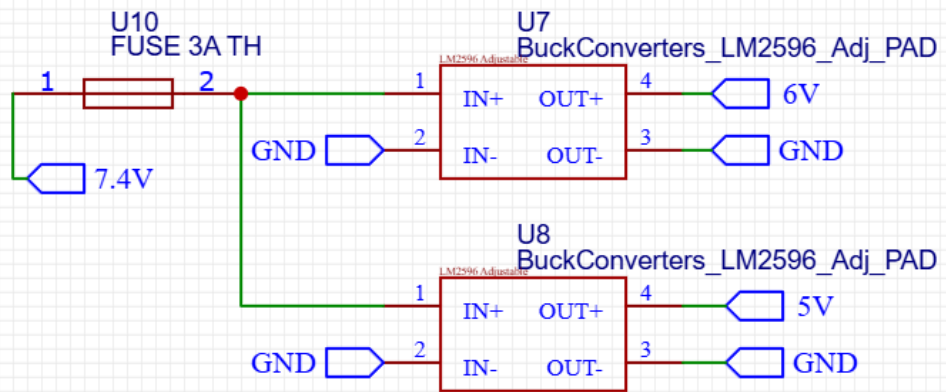
U11



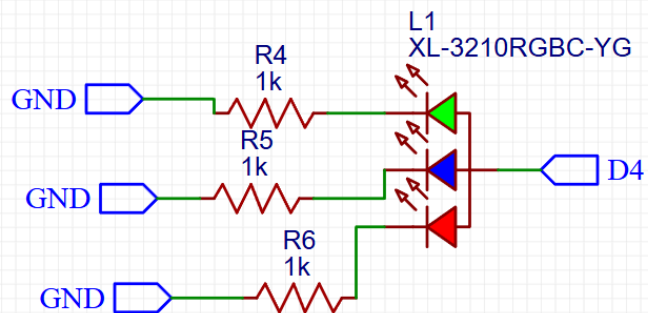
Energizar Voltaje



Regular Voltaje



LED RGB

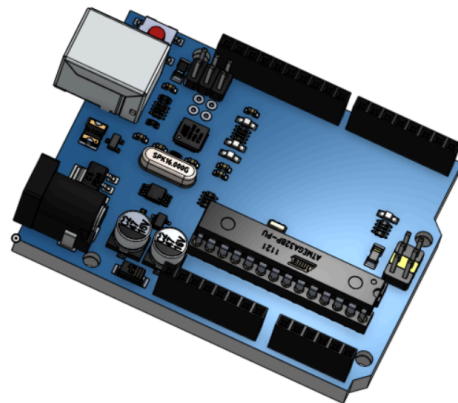


Modelado 3D de los elementos que conforman su prototipo

Solución completa:

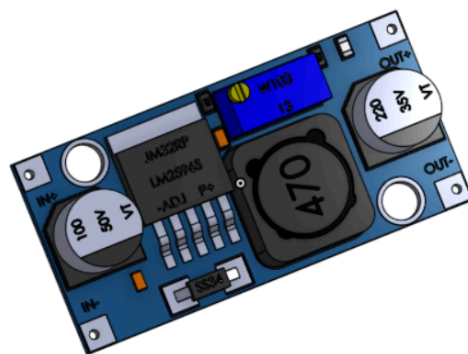
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Componentes:



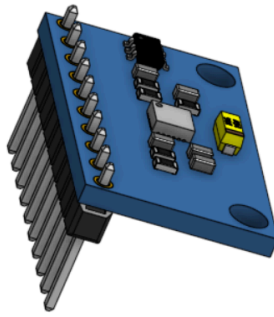
Arduino uno R3:

<https://cad.onshape.com/documents/358e6ee0a7e545cdc13880cc/w/fb00525c6271bd48ed0090b1>



LM 2596:

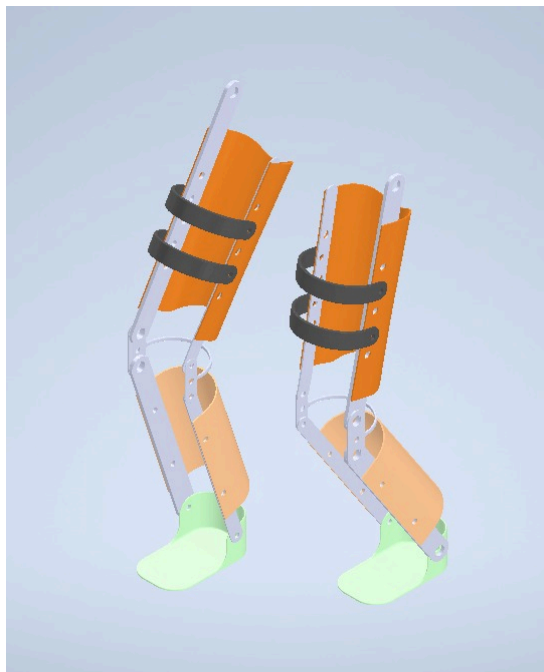
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MPU 9250:

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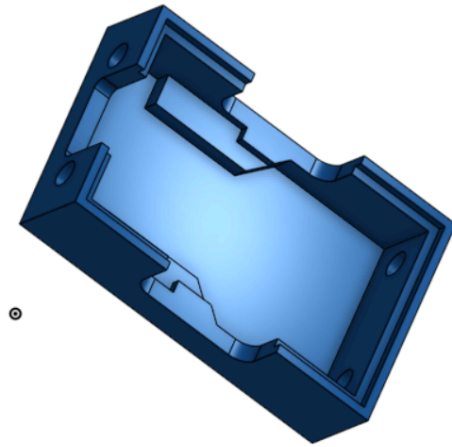
Soporte largo:



Ortesis para ambas piernas:

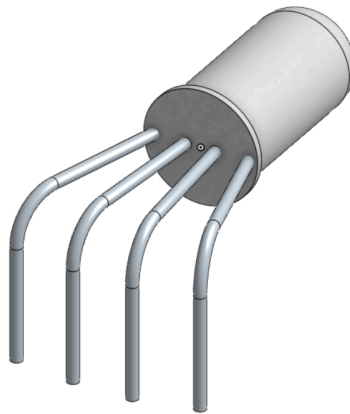
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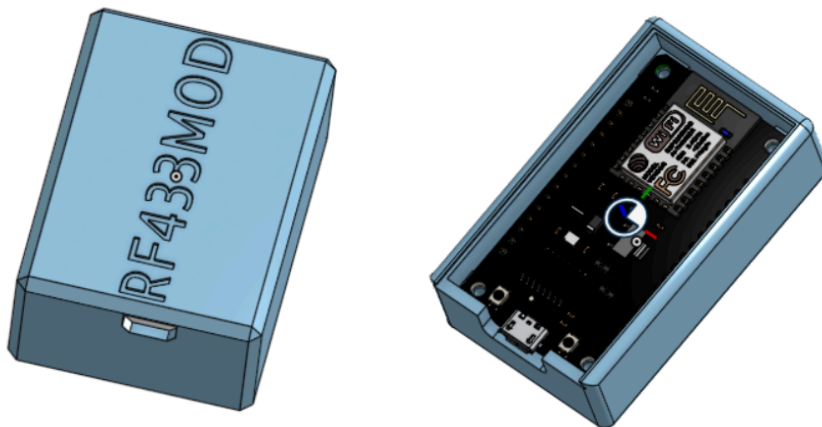
Caja del MPU:

<https://cad.onshape.com/documents/ef8435970f178548cab3745/w/b9355684763af5511d955672/e/771fca0d5232c701341a13ee>



Led RGB:

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Módulo de radiofrecuencia RF 433:

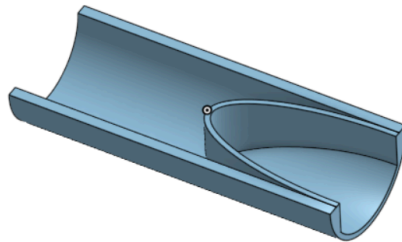
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Parte del bastón canadiense:



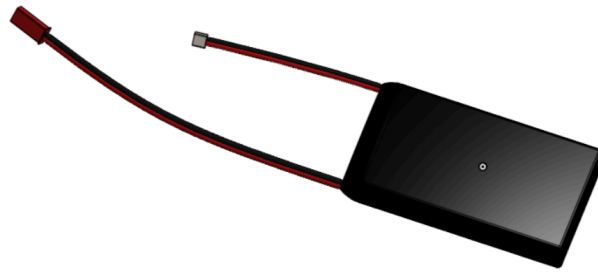
Baston candiense:

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Soporte de boton:

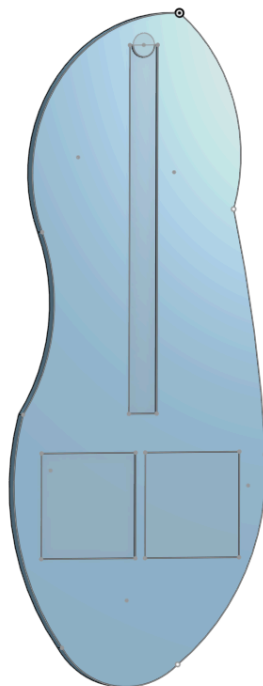
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Bateria Lipo:

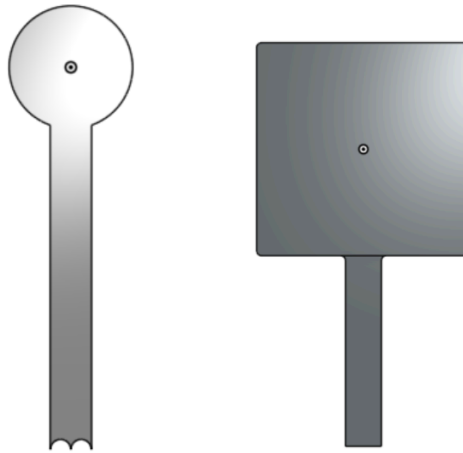
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Partes de la plantilla:



Plantilla:

<https://cad.onshape.com/documents/90b00f3962dbd41c6fcc8b45/w/5ce1db6625fad7db0d8d7604/e/39d914baed3868cf32210c26?renderMode=0&uiState=68fb06c996ea72f3c771f73a>



Sensores de fuerza:

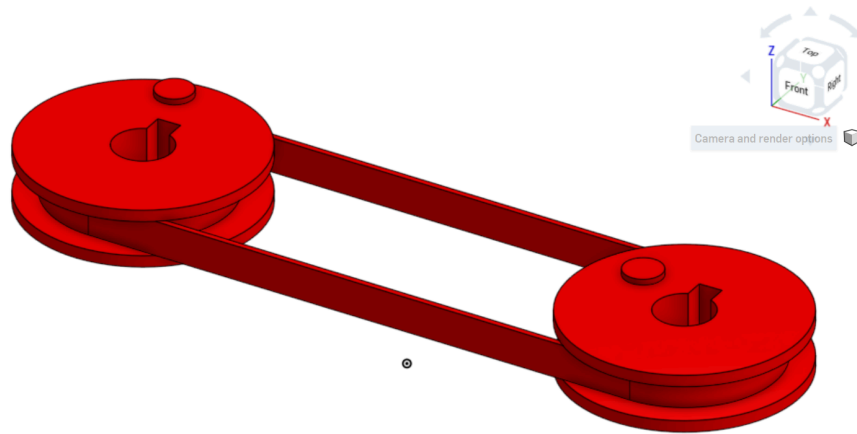
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Partes del sistema de trabe y destrabe:



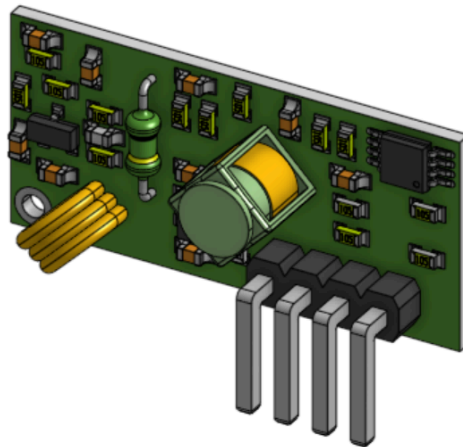
Micromotor N20:

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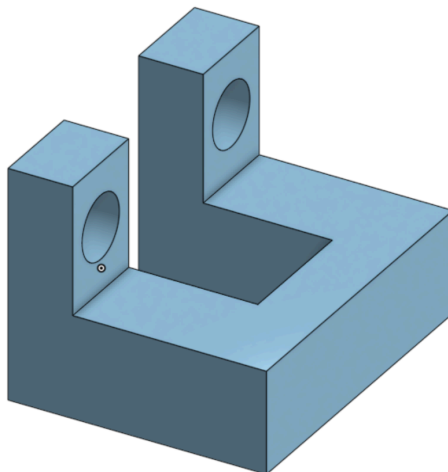
Poleas:

<https://cad.onshape.com/documents/feb36c91eed124813346efae/w/b8817322451c90e2da5b96ee/e/90c357cbd19b11150c3f9f70?renderMode=0&uiState=68fb021c97357d345ad5d1de>



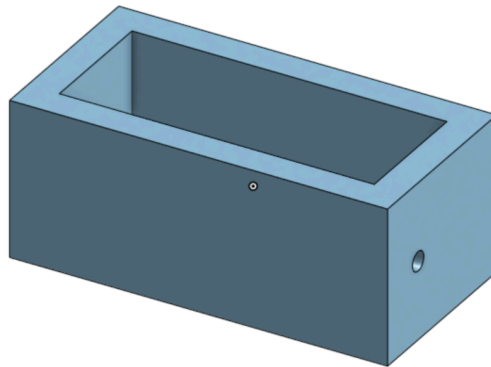
01COM RX RF433 Receiver:

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Gancho para poleas:

<https://cad.onshape.com/documents/0540d481ef109f192a8d81a9/w/1a57b690e35bc69c4da5a976/e/339e8275e2c3247a0a6f577b?renderMode=0&uiState=68fb02d41b0274f230a2d82f>



Pieza para trabar:

<https://cad.onshape.com/documents/76d2d7c239bdc8f8fa00e4ad/w/cebd49e91c2a0bf198104d18/e/7dd4c7551fcfe9fa7b047bc8?renderMode=0&uiState=68fb032078a1d30a472af800>