

INGENIERÍA BIOMÉDICA

Facultad: Ciencias e Ingeniería
Curso: Fundamentos de Biodiseño

ENTREGABLE 8

Diseño esquemático del prototipo. Modelado 3D de los elementos que conforman su prototipo

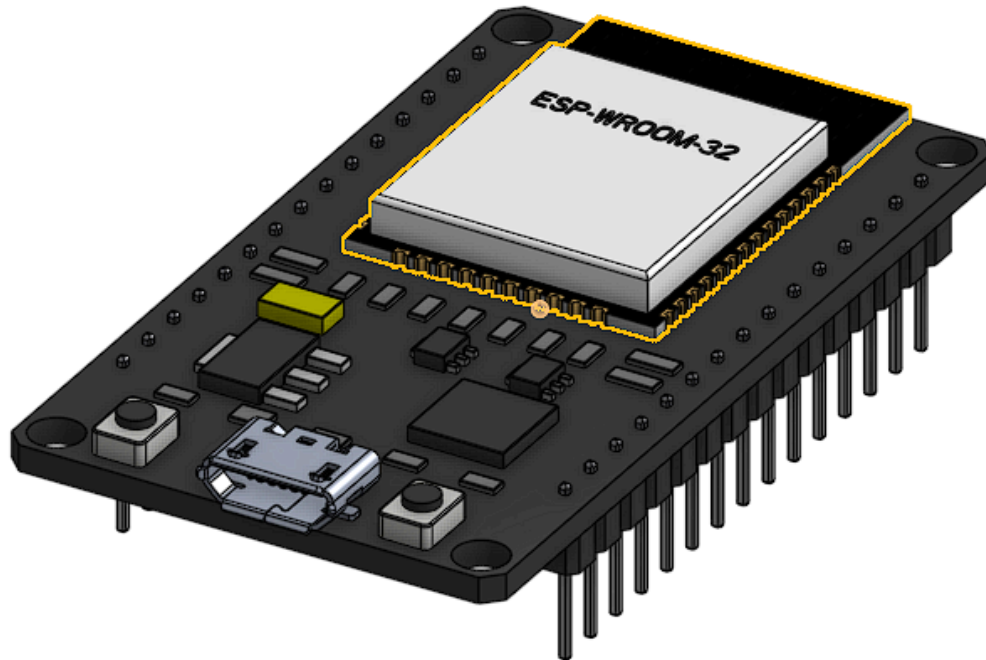
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Santa Cruz
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Indira Lucel Burga Ríos
Rodrigo Benites Navarro
Maria Fernandes Cáceres
Inga

21 /10/2025
Lima

Modelado 3D de los componentes

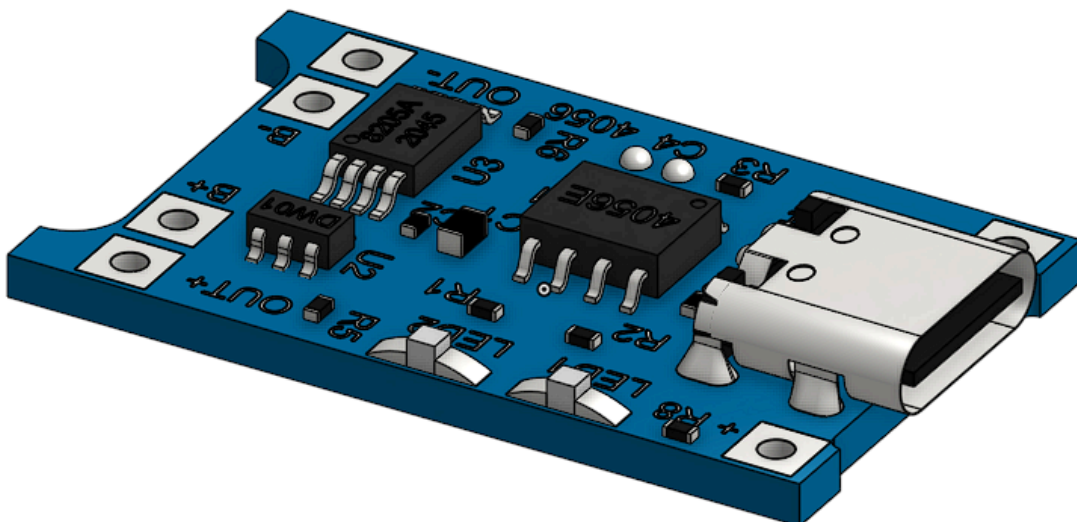
ESP32 Devkit V1 30P



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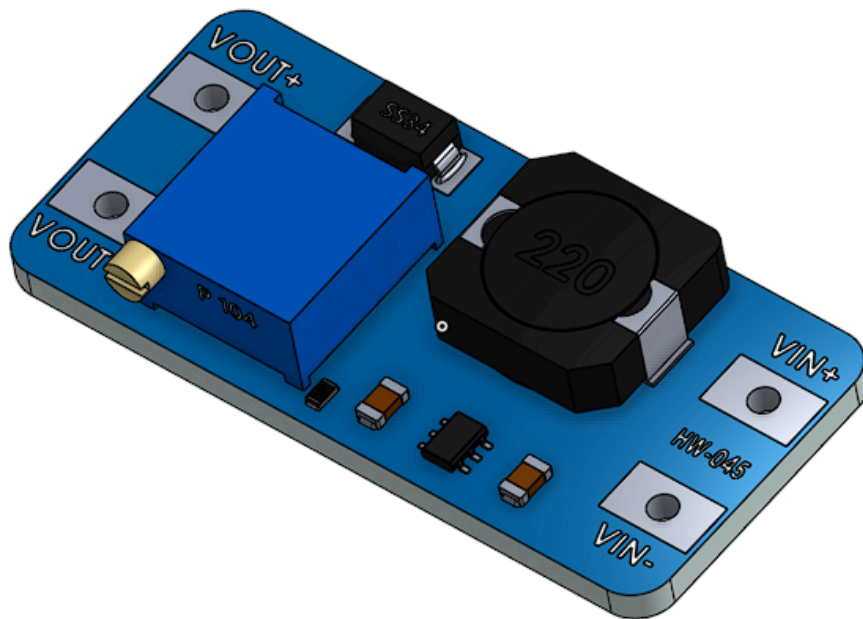
Módulo de Carga para Batería de Litio TP4056



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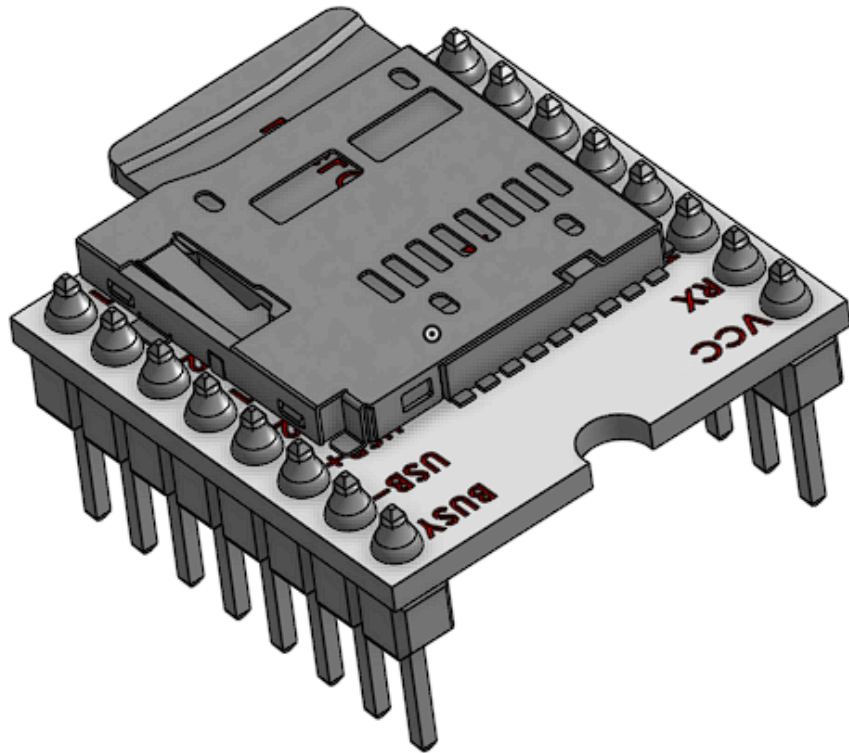
Módulo Elevador Voltaje MT3608



Link:

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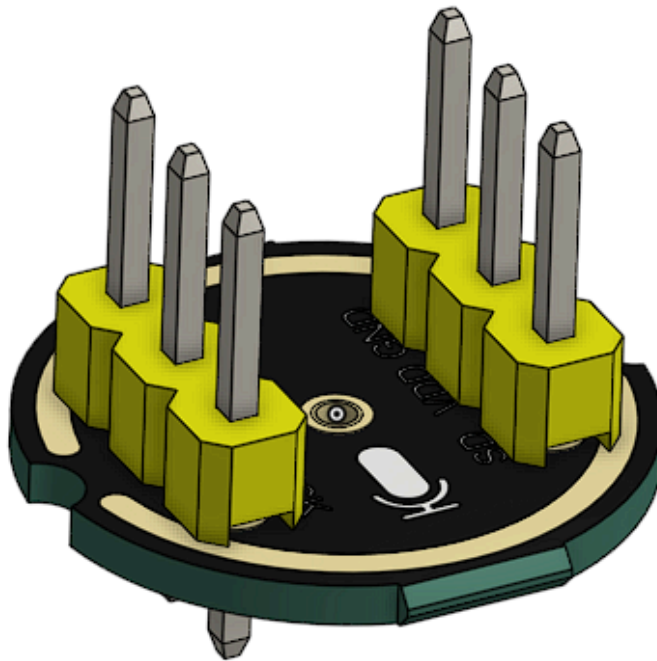
DFPlayer mini



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Micrófono I2S INMP441



Link:

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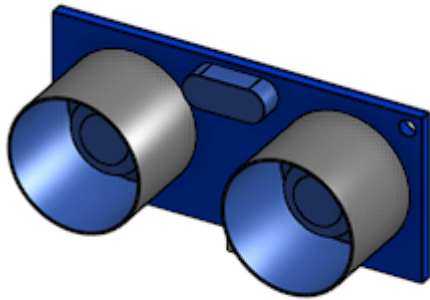
Speaker



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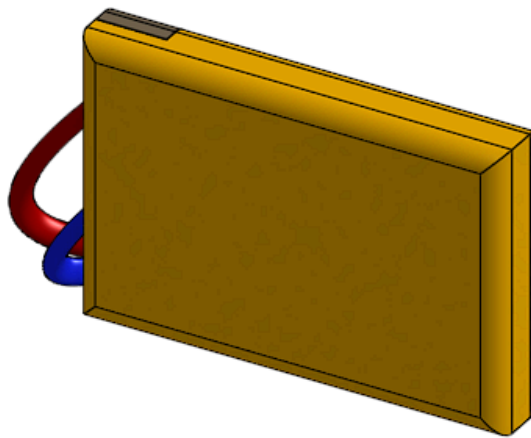
Sensor Ultrasónico HC-SR04



Link:

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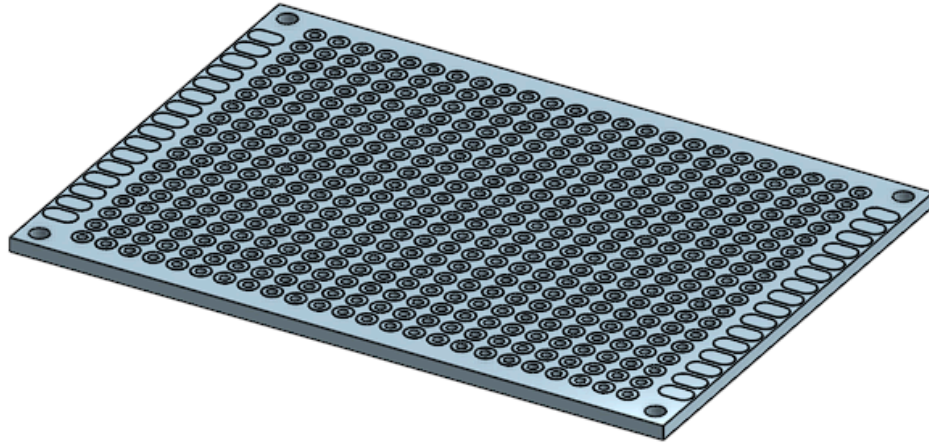
Batería LiPo 3.7V 720mAh



Link:

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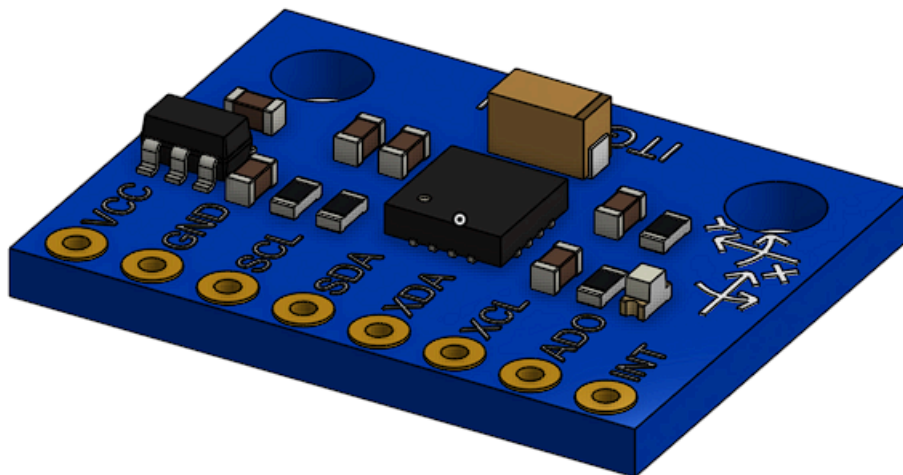
Placa Universal para Circuitos PCB 5×7 Pitch 2.54mm Doble Cara



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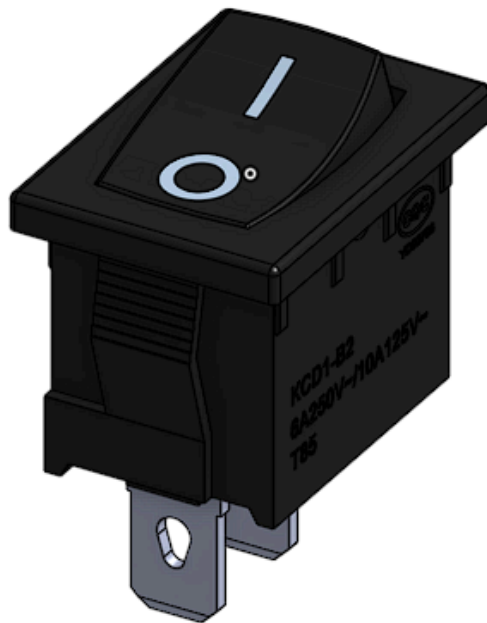
MPU6050 acelerometro y Giroscopio



Link:

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Switch



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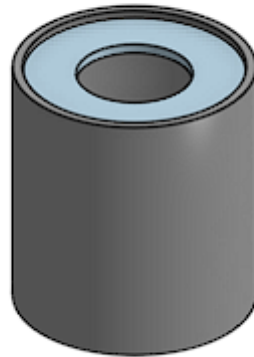
Pieza del cuerpo del Bastón



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Pieza para los componentes del Bastón



Link:

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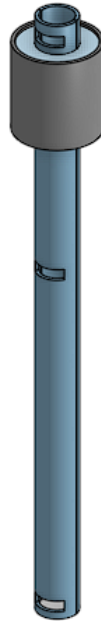
Mango del Bastón



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Cuerpo del bastón completo



Link:

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