Lista de materiales

1. Imánes (7.99€):

<https://www.amazon.es/UTOMAG-Neodimio-Artesan%C3%ADas-Manualidades-Protector/dp/B08F6W28PL/ref=sr_1_2_sspa?crid=4HC6W2BPNE6O&keywords=iman%2Bpeque%C3%B1o&qid=1644505833&sprefix=iman%2Bpeque%2Caps%2C91&sr=8-2-spons&spLa=ZW5jcnlwdGVkUXVhbGlmaWVyPUExWjFJMEdESDhXT0NOJmVuY3J5cHRlZElkPUEwNTY3MTI3MTlUVlRSM1FPNzNMMyZlbmNyeXB0ZWRBZElkPUEwNjY2MjUzT0JUNldTVE8zNDFGJndpZGdldE5hbWU9c3BfYXRmJmFjdGlvbj1jbGlja1JlZGlyZWN0JmRvTm90TG9nQ2xpY2s9dHJ1ZQ&th=1>

2. Sensor de hall (6.99€):

<https://www.amazon.es/HiLetgo-Effect-Sensor-Magnetic-Arduino/dp/B07ZZ2C4DS/ref=sr_1_4_sspa?__mk_es_ES=%C3%85M%C3%85%C5%BD%C3%95%C3%91&crid=2GGWBW5XGPXI9&keywords=sensor+hall+arduino&qid=1644505683&sprefix=sensor+hall+arduino%2Caps%2C90&sr=8-4-spons&psc=1&spLa=ZW5jcnlwdGVkUXVhbGlmaWVyPUEzN1k0VkJZRTVIWlZSJmVuY3J5cHRlZElkPUEwNjMwMDI1M0Y3U0s5M0tXTzkxRSZlbmNyeXB0ZWRBZElkPUEwMTE2OTQ5R0lVT1BPSFhUOVZWJndpZGdldE5hbWU9c3BfYXRmJmFjdGlvbj1jbGlja1JlZGlyZWN0JmRvTm90TG9nQ2xpY2s9dHJ1ZQ==>

3. ESP32 (9.99€):

<https://www.amazon.es/AZDelivery-NodeMCU-ESP-WROOM-32-Tablero-Desarrollo/dp/B071P98VTG/ref=asc_df_B071P98VTG/?tag=&linkCode=df0&hvadid=420332609952&hvpos=&hvnetw=g&hvrand=14602736816684025879&hvpone=&hvptwo=&hvqmt=&hvdev=c&hvdvcmdl=&hvlocint=&hvlocphy=1005469&hvtargid=pla-367709801435&ref=&adgrpid=98816269809&th=1>

4. Diodo láser (4.90€):

<https://www.amazon.es/Movilideas-Unidades-Diodo-Di%C3%A1metro-Exterior/dp/B08C522X1Y/ref=sr_1_4?__mk_es_ES=%C3%85M%C3%85%C5%BD%C3%95%C3%91&crid=1JWR9UFELWZR5&keywords=diodo+laser&qid=1644511078&s=industrial&sprefix=diodo+laser%2Cindustrial%2C84&sr=1-4>

5. Fototransistor (4.79€):

<https://www.digikey.es/es/products/detail/vishay-semiconductor-opto-division/BPW85C/4071266>

6. Motor DC (12.89€):

<https://www.amazon.es/ANGEEK-12V-36V-3500-9000-Electronic-Component/dp/B08NVSQ8N4/ref=sr_1_2_sspa?__mk_es_ES=%C3%85M%C3%85%C5%BD%C3%95%C3%91&crid=HK8NUN2RFOIE&keywords=motor+dc&qid=1644505687&sprefix=motor+dc%2Caps%2C227&sr=8-2-spons&psc=1&spLa=ZW5jcnlwdGVkUXVhbGlmaWVyPUExRVZTQUhGQVEwNTRPJmVuY3J5cHRlZElkPUEwMDU2NzM0Mk5VVUVXMEZaQkFMUCZlbmNyeXB0ZWRBZElkPUEwNzQ1MjE1MUM5R1dIWFUxUTRFQyZ3aWRnZXROYW1lPXNwX2F0ZiZhY3Rpb249Y2xpY2tSZWRpcmVjdCZkb05vdExvZ0NsaWNrPXRydWU=>

7. Driver de motor (5.99€):

<https://www.amazon.es/HALJIA-Electronic-Regulator-High-Power-Equipment/dp/B07TVH42W6/ref=sr_1_5?keywords=driver+motor+dc&qid=1644505486&sprefix=driver+mo%2Caps%2C110&sr=8-5>

8. Led RGB (6.99€):

<https://www.amazon.es/AZDelivery-KY-016-3-Color-Arduino-incluido/dp/B07V6YSGC9/ref=sr_1_5?__mk_es_ES=%C3%85M%C3%85%C5%BD%C3%95%C3%91&crid=2VDCC9ECHYHQ2&keywords=led+rgb+arduino&qid=1644506359&sprefix=led+rgb+arduino%2Caps%2C89&sr=8-5>

9. Licencia Autodesk:

10. Material para imprimir en 3D PLA (19.95€):

<https://www.amazon.es/Winkle-Filamento-Azabache-Impresi%C3%B3n-Bobina/dp/B08LQJ8W1F/ref=sr_1_6?__mk_es_ES=%C3%85M%C3%85%C5%BD%C3%95%C3%91&crid=10X1B7UXNUCNN&keywords=pla&qid=1644512207&sprefix=pla%2Caps%2C108&sr=8-6>

Diodo laser (37.62€):

<https://www.digikey.es/es/products/detail/quarton-inc/VLM-635-63-LPO-50/10229993>

KIT PROTOBOARD(12,99):

<https://www.amazon.es/Electr%C3%B3nicos-Resistencias-Condensadores-Potenci%C3%B3metro-Especificaciones/dp/B01MRIG6YM/ref=sr_1_4_sspa?__mk_es_ES=%C3%85M%C3%85%C5%BD%C3%95%C3%91&crid=3UK2KIHF36N55&keywords=protoboard&qid=1644946016&sprefix=protoboard%2Caps%2C386&sr=8-4-spons&psc=1&spLa=ZW5jcnlwdGVkUXVhbGlmaWVyPUExU05UWFI1VVJQM0FEJmVuY3J5cHRlZElkPUEwNjcyMjM0WEpVSzE5NE1KTlJaJmVuY3J5cHRlZEFkSWQ9QTAwMTE3NzIzMkswS0M1Q0dFUzlHJndpZGdldE5hbWU9c3BfYXRmJmFjdGlvbj1jbGlja1JlZGlyZWN0JmRvTm90TG9nQ2xpY2s9dHJ1ZQ==>

Cables UTP (13,56):

<https://www.amazon.es/Cable-trenzado-Aluminio-revestido-cobre/dp/B07FGX7ZSS/ref=sr_1_6?__mk_es_ES=%C3%85M%C3%85%C5%BD%C3%95%C3%91&crid=5K80H6I6JOB5&keywords=cable+utp&qid=1644946140&sprefix=cable+utp%2Caps%2C108&sr=8-6>

Cables jumpers (12, 29):

<https://www.amazon.es/AZDelivery-Puente-Jumper-juegos-cables/dp/B07VCCJTXN/ref=sr_1_1_sspa?__mk_es_ES=%C3%85M%C3%85%C5%BD%C3%95%C3%91&crid=2V2MRZJFZI01M&keywords=cable%2Bjumpers&qid=1644946185&sprefix=cables%2Bju%2Caps%2C268&sr=8-1-spons&smid=A1X7QLRQH87QA3&spLa=ZW5jcnlwdGVkUXVhbGlmaWVyPUEzN1ZDTjA0SzBXVTI5JmVuY3J5cHRlZElkPUEwMDIwMzg3MllDMVdLOVZGQjA2MiZlbmNyeXB0ZWRBZElkPUEwNTg2MDk1VkMySU84Q0xOWjk4JndpZGdldE5hbWU9c3BfYXRmJmFjdGlvbj1jbGlja1JlZGlyZWN0JmRvTm90TG9nQ2xpY2s9dHJ1ZQ&th=1>

KIT PULSADORES (10,99):

<https://www.amazon.es/DEYUE-Arduino-iniciaci%C3%B3n-electr%C3%B3nica-alimentaci%C3%B3n/dp/B07HF62TC3/ref=sr_1_8?__mk_es_ES=%C3%85M%C3%85%C5%BD%C3%95%C3%91&crid=HKNFJURWI4WU&keywords=kit+arduino&qid=1644946361&sprefix=kit+arduino%2Caps%2C128&sr=8-8>