

List of Materials:

1. ESP32

The image shows two side-by-side screenshots of product pages from the Shopee website. Both products are from the brand 'MAKERLAB'.
The left product is the '30 pins and 38 pins WiFi IoT Development Board' (ABX00092). It has a rating of 4.8 stars from 1.2K reviews and 7K sales. The price is ₱349 (from ₱499) with a 30% discount. It includes free shipping to Quezon City, Metro Manila. The board is shown with its antenna and various components. The right product is the 'Arduino Nano ESP32 ABX00092 | Arduino Nano ESP32 with Headers ABX00083'. It has a rating of 5.0 stars from 23 reviews and 117 sales. The price is ₱1,599 (from ₱1,749) with a 9% discount. It also includes free shipping to Quezon City, Metro Manila. Both pages show a quantity selector (1 selected), a 'Buy Now' button, and a 'Add To Cart' button.

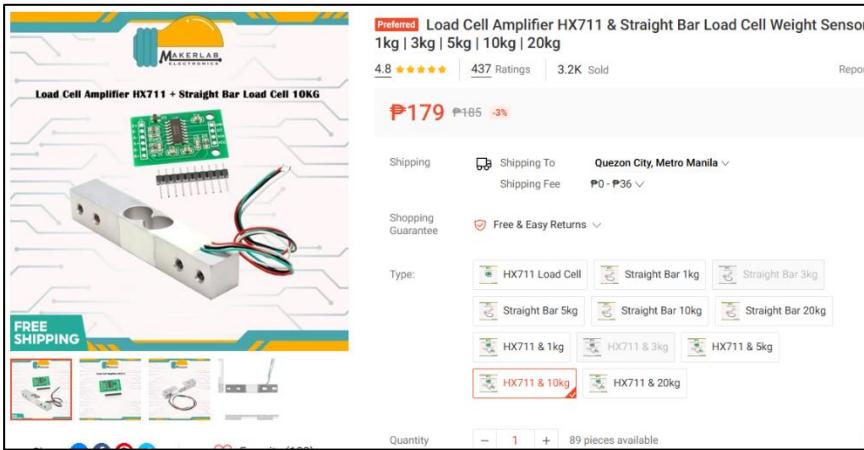
- [https://shopee.ph/30-pins-and-38-pins-ESP32-WiFi-IoT-Development-Board-i.18252381.2351717936?sp_atk=1077d06b-6767-432b-a0e6-b8b4d1b0a852](https://shopee.ph/30-pins-and-38-pins-ESP32-WiFi-IoT-Development-Board-i.18252381.2351717936?sp_atk=1077d06b-6767-432b-a0e6-b8b4d1b0a852&xptdk=1077d06b-6767-432b-a0e6-b8b4d1b0a852)
- [https://shopee.ph/Arduno-Nano-ESP32-ABX00092-Arduno-Nano-ESP32-with-Headers-ABX00083-i.18252381.22479909513?sp_atk=a00e4cc4-b12d-4387-8e7f-7aa6c4bf7464](https://shopee.ph/Arduno-Nano-ESP32-ABX00092-Arduno-Nano-ESP32-with-Headers-ABX00083-i.18252381.22479909513?sp_atk=a00e4cc4-b12d-4387-8e7f-7aa6c4bf7464&xptdk=a00e4cc4-b12d-4387-8e7f-7aa6c4bf7464)

2. ESP 32 EXPANSION BOARD

This screenshot shows a product page for an 'Expansion Board for 30PIN 38PIN ESP32 Development Board' from 'MAKERLAB'. The board is labeled 'Terminal Block Type'. It has a rating of 5.0 stars from 3 reviews and 10 sales. The price is ₱119 (from ₱149) with a 20% discount. It includes free shipping to Quezon City, Metro Manila. The board is shown with two versions: '30 PIN' and '38 PIN'. The page includes a quantity selector (1 selected), a 'Buy Now' button, and a 'Add To Cart' button. At the bottom, there are sharing options and a 'Favorite (1)' link.

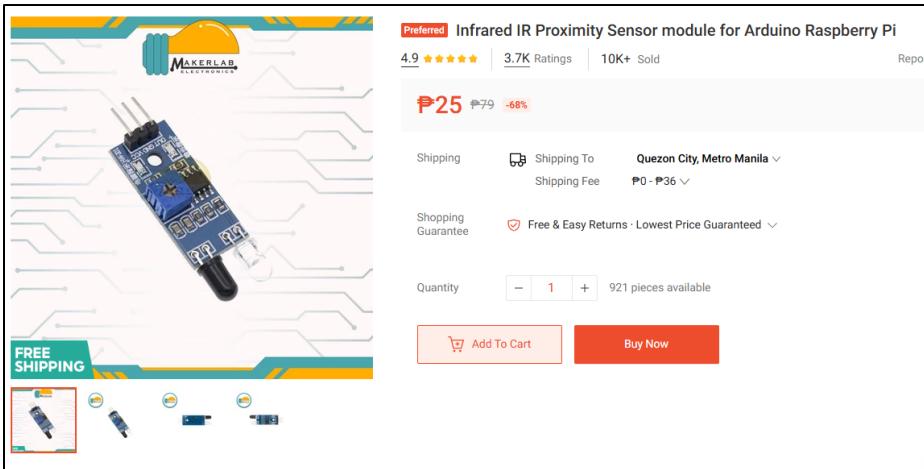
https://shopee.ph/Expansion-Board-for-30PIN-38PIN-ESP32-Development-Board-Terminal-Block-Type-i.18252381.27280932324?sp_atk=313bd72d-c510-49a5-9d12-854d63da737e&xptdk=313bd72d-c510-49a5-9d12-854d63da737e

3 WEIGHT SENSOR (LOAD CELL + HX711)3x



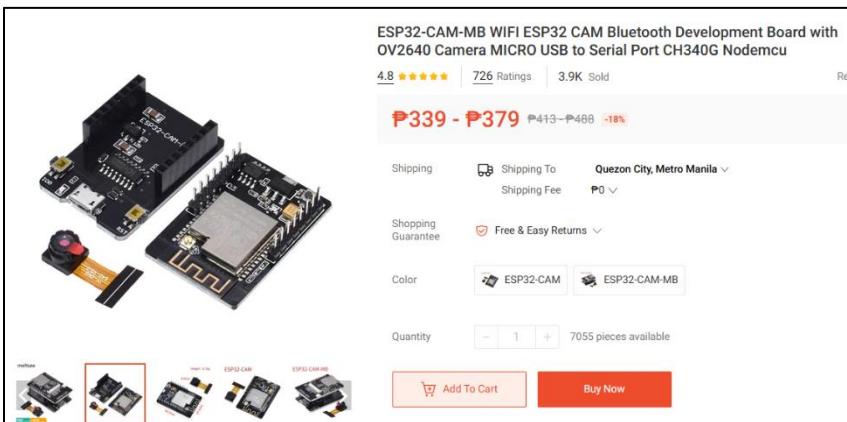
https://shopee.ph/Load-Cell-Amplifier-HX711-Straight-Bar-Load-Cell-Weight-Sensor-1kg-3kg-5kg-10kg-20kg-i.18252381.314947306?sp_atk=b9fe8799-9e2e-4d44-bbac-9d8158c7a3cd&xptdk=b9fe8799-9e2e-4d44-bbac-9d8158c7a3cd

4. IR SENSOR



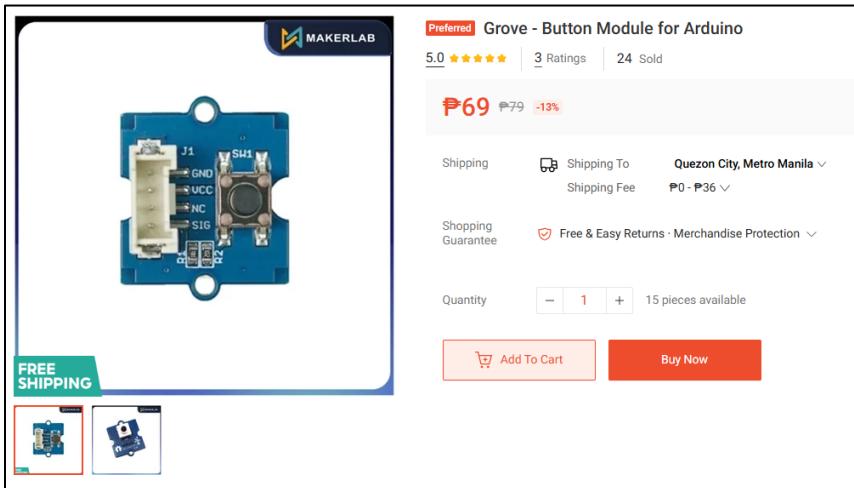
https://shopee.ph/Infrared-IR-Proximity-Sensor-module-for-Arduino-Raspberry-Pi-i.18252381.315152163?sp_atk=f0c56355-6a84-41f5-8fdc-d0398928752a&xptdk=f0c56355-6a84-41f5-8fdc-d0398928752a

5. ESP32 CAM



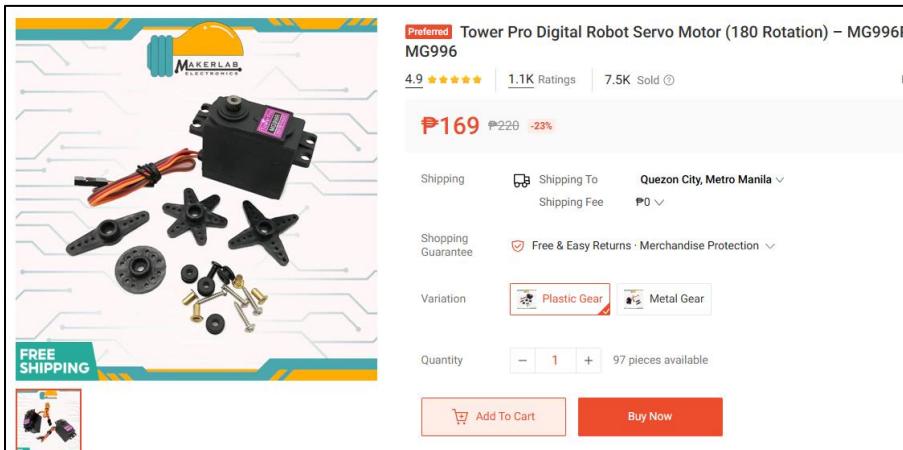
https://shopee.ph/ESP32-CAM-MB-WIFI-ESP32-CAM-Bluetooth-Development-Board-with-OV2640-Camera-MICRO-USB-to-Serial-Port-CH340G-Nodemcu-i.425178766.12001923429?sp_atk=d41faae0-8264-4309-bbd4-ce7a183680c4&xptdk=d41faae0-8264-4309-bbd4-ce7a183680c4

6. BUTTON



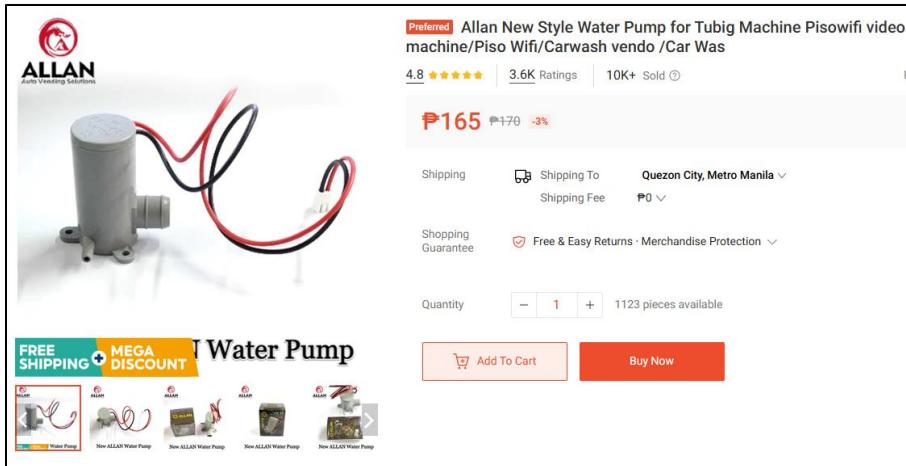
https://shopee.ph/Grove-Button-Module-for-Arduino-i.18252381.17958812704?sp_atk=64aab593-ad6b-40a1-9487-f260877faed6&xptdk=64aab593-ad6b-40a1-9487-f260877faed6

7. SERVO MOTOR 2x



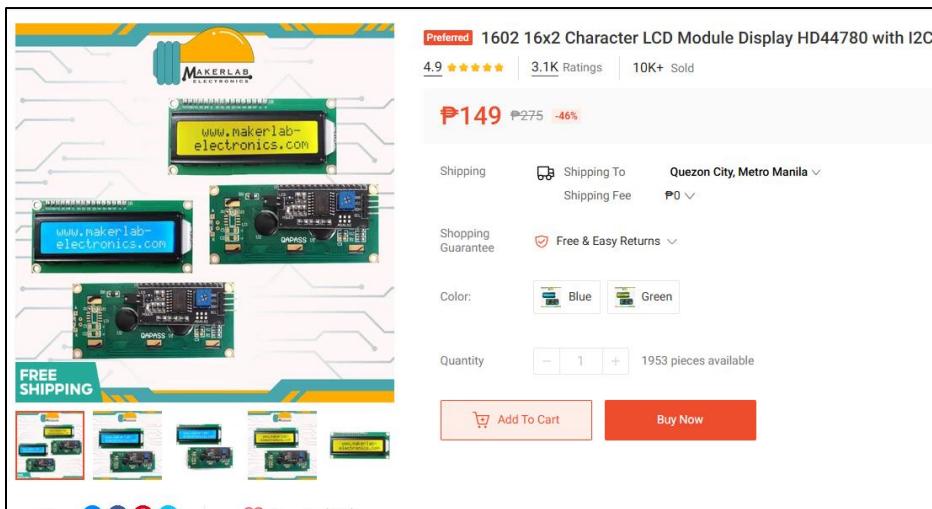
[https://shopee.ph/Tower-Pro-Digital-Robot-Servo-Motor-\(180-Rotation\)-%E2%80%93-MG996R-MG996-i.18252381.190150250?sp_atk=2309dde0-85f3-4713-ad6c-c6becdd4d143&xptdk=2309dde0-85f3-4713-ad6c-c6becdd4d143](https://shopee.ph/Tower-Pro-Digital-Robot-Servo-Motor-(180-Rotation)-%E2%80%93-MG996R-MG996-i.18252381.190150250?sp_atk=2309dde0-85f3-4713-ad6c-c6becdd4d143&xptdk=2309dde0-85f3-4713-ad6c-c6becdd4d143)

8. WATER PUMP



https://shopee.ph/Allan-New-Style-Water-Pump-for-Tubig-Machine-Pisowifi-video-machine-Piso-Wifi-Carwash-vendo-Car-Was-i.211037329.15422653014?sp_atk=c67cc370-6ca2-46f4-80ae-47a57823ceb1&xptdk=c67cc370-6ca2-46f4-80ae-47a57823ceb1

9. LCD DISPLAY



https://shopee.ph/1602-16x2-Character-LCD-Module-Display-HD44780-with-I2C-i.18252381.242465767?sp_atk=c4048252-ab65-42a3-86cf-9c5b38417840&xptdk=c4048252-ab65-42a3-86cf-9c5b38417840

10. AC/DC Power Adapter

6V 9V 12V 1A 2A AC / DC Power Supply Adapter Adaptor 5.5mm Flat
CCTV Modem Router Charger BP monitor

4.8 ★★★★☆ | 5.4K Ratings | 10K+ Sold | Report

₱150

Shipping: Shipping To Quezon City, Metro Manila ✓
Shipping Fee ₱0 - ₱36 ✓

Shopping Guarantee: Free & Easy Returns · Lowest Price Guaranteed · Merchandise Protection ✓

Power: 5V 1A, 5V 2A, 6V 1A, 6V 2A, 6V 4x1.7 - BP Monitor, 6V Handheld Sewing, 6V 2A Sewing Mini, 9V 1A, 9V 2A, 12V 1A, 12V 2A B, 12V 2A, 24V 1A, Polarity Converter

Quantity: - 1 + 3 pieces available

https://shopee.ph/6V-9V-12V-1A-2A-AC-DC-Power-Supply-Adapter-Adaptor-5.5mm-Flat-CCTV-Modem-Router-Charger-BP-monitor-i.8988286.7073091158?sp_atk=f991e046-ae52-48fe-9c27-c030df78ee5e&xptdk=f991e046-ae52-48fe-9c27-c030df78ee5e

11. Relay Module

Preferred 1 2 4 8 Channel 5V 12V 10A Relay Module with Optocoupler

4.9 ★★★★☆ | 9K Ratings | 10K+ Sold

₱42 - ₱199 ₱118 - ₱436 -64%

Shipping: Shipping To Quezon City, Metro Manila ✓
Shipping Fee ₱0 - ₱36 ✓

Shopping Guarantee: Free & Easy Returns · Lowest Price Guaranteed ✓

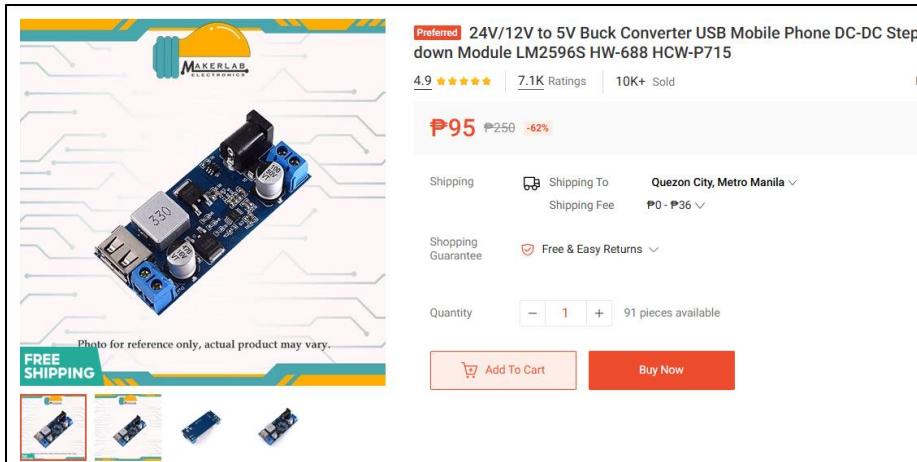
Channel: 5V - 1 Channel, 5V - 2 Channel, 5V - 4 Channel, 5V - 8 Channel, 12V - 1 Channel

Quantity: - 1 + 7889 pieces available

Add To Cart | Buy Now

https://shopee.ph/1-2-4-8-Channel-5V-12V-10A-Relay-Module-with-Optocoupler-i.18252381.670803085?sp_atk=90716713-f632-42ae-9f19-5e589cb21f3c&xptdk=90716713-f632-42ae-9f19-5e589cb21f3c

12. Buck Converter



https://shopee.ph/24V-12V-to-5V-Buck-Converter-USB-Mobile-Phone-DC-DC-Step-down-Module-LM2596S-HW-688-HCW-P715-i.18252381.1920327681?sp_atk=ab4ac637-c18d-4ddf-b3fa-e7d55ba18f29&xptdk=ab4ac637-c18d-4ddf-b3fa-e7d55ba18f29