

UseCase BT Speaker + WiFi Speaker

Web Camera
+
Microphone
[Lenovo
Essential FHD
Webcam
4XC1B34802]



Trigger Sources

- Motion detection
- Sound detection



5V 2A

ESP8266-12F

PAM8403



3W 4ohms x 2



USB

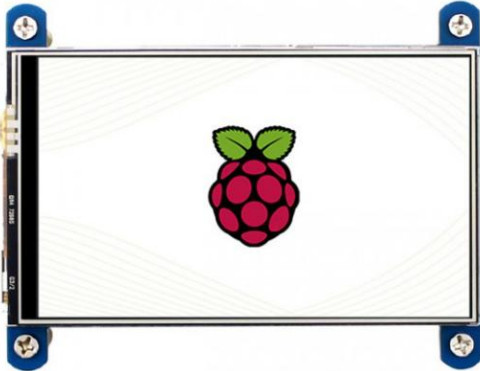


2.4Ghz RF
Mouse

Trigger Sources

- Mouse pressing
- Mouse movement

4inch Resistive Touch Screen LCD,
480×800, HDMI, IPS, Low Power
SKU: 12030
Part Number: 4inch HDMI LCD
Brand: Waveshare



HDMI
GPIO

5V 2A



Bluetooth
Speaker



UseCase WiFi Speaker

Web Camera
+
Microphone
[Lenovo
Essential FHD
Webcam
4XC1B34802]



- Trigger Sources
- Motion detection
 - Sound detection



5V 2A

ESP8266-12F

PAM8403

3W 4ohms x 2



2.4Ghz RF
Mouse

- Trigger Sources
- Mouse pressing
 - Mouse movement



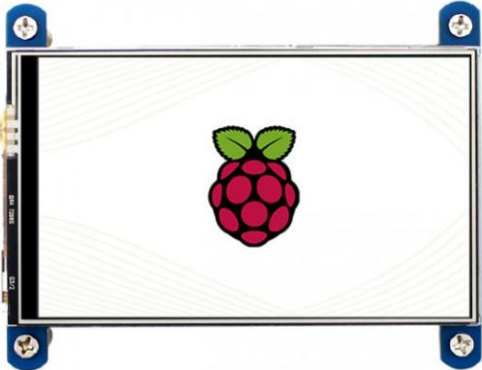
USB

HDMI
GPIO

5V 2A



4inch Resistive Touch Screen LCD,
480×800, HDMI, IPS, Low Power
SKU: 12030
Part Number: 4inch HDMI LCD
Brand: Waveshare



UseCase WiFi Speaker – Low Cost

Trigger Sources
• Motion detection

