

UseCase BT Speaker + WiFi Speaker(Optional)

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



Trigger Sources

- Motion detection
- Sound detection



5V 2A



Wi-Fi

ESP8266-12F

PAM8403



3W 4ohms x 2



USB



2.4
Ghz



2.4Ghz RF
Mouse

Trigger Sources

- Mouse pressing
- Mouse movement



Raspberry Pi 3

USB



BT



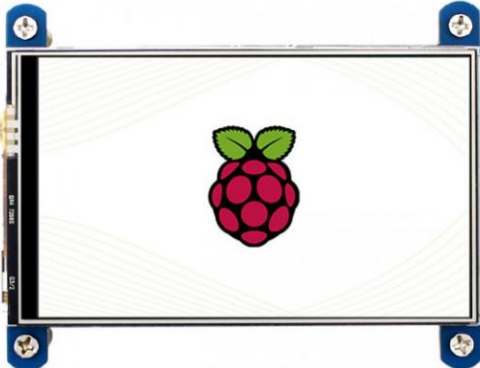
Bluetooth
Speaker

5V 2A



HDMI
GPIO

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



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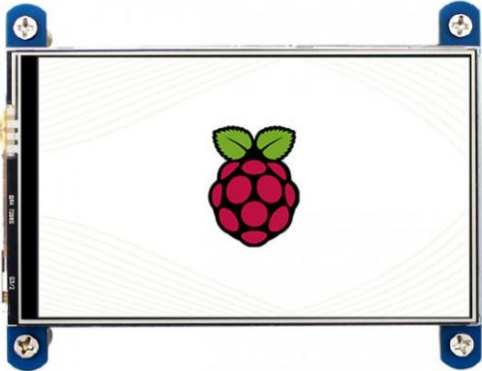
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Raspberry Pi3

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HDMI
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UseCase WiFi Speaker – Low Cost

