

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

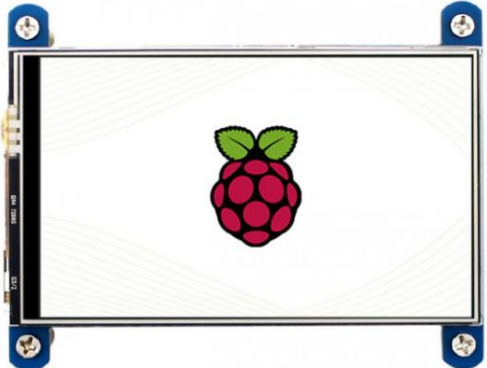


5V 2A



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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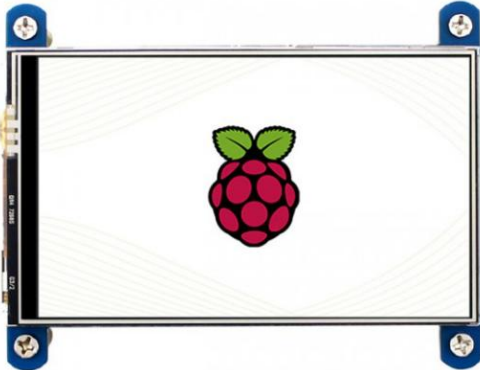


Raspberry Pi3

USB

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HDMI  
GPIO



5V 2A



UseCase WiFi Speaker – Low Cost

