

General Product Info



Product Name: Flipper Zero

Product Model: FZ.1 (FLP-Z-W-R04)

Class: Electronic educational device

Definition: Portable handheld electronic device with an operating system reminiscent of a computer game featuring virtual pet, designed for education (learning engineering, science, programming, and electronics engineering) through recreational activities, as well as electronics and software prototyping and development.

HS Code: 8471300000

Product Designer and Manufacturer: Flipper Devices Inc,

Product Designer and Manufacturer address: Suite B #551, 2803 Philadelphia Pike, Claymont, DE 19703

Operation Description

This product is controlled by the STM32WB55RG MCU.

Features:

1. 128 x 64 Dots Graphic LCD
2. User buttons and status LEDs
3. USB Type C for communication and Li-Po Battery charging
4. MicroSD card slot
5. 18 GPIO ports including +3.3V (1200mA) and +5V (2A) Output.
6. Supports I2C, SPI, SWD, GPIOs, UART/USART/ADC/1-wire interfaces
7. Supports IrDA/Rf/RFID/NFC/BLE:

----RF Specification: 433.075-434.775 MHz

Modulation: OOK, 2FSK

Antenna: Spring Antenna with Gain -10dBi

----RFID Specification: 125 kHz

Modulation: AM, OOK

Antenna: PCB Antenna

----NFC Specification: 13.56 MHz

Modulation: AM, OOK

Antenna: PCB Antenna

----BLE Specification: 2.4-2.48 GHz

Modulation: GFSK

Antenna: Ceramic Chip Antenna with Gain 1.88 dBi