printer principle

Battery supply the power to printer , adapter charge the battery by battery management IC .

printing data and commands sent to MCU   through serial port or bluetooth communication port . The EUT use the Bluetooth technology for wireless communication.

After MCU get the data ,it will analyze the data or commands .

MCU read the FLASH database , send data to print head , print head control the relative heat point , meanwhile MCU drive the motor and push the paper peeler   , the print the character and image .

MCU need detect reflector to identify the paper lack , power and make relative alarm .

Input: DC 12V 1A

Frequency range: 2402-2480MHz

Type of Modulation: FHSS (Bluetooth technology for wireless communications)

Antenna type: PCB antenna, and the antenna gain is 0dBi