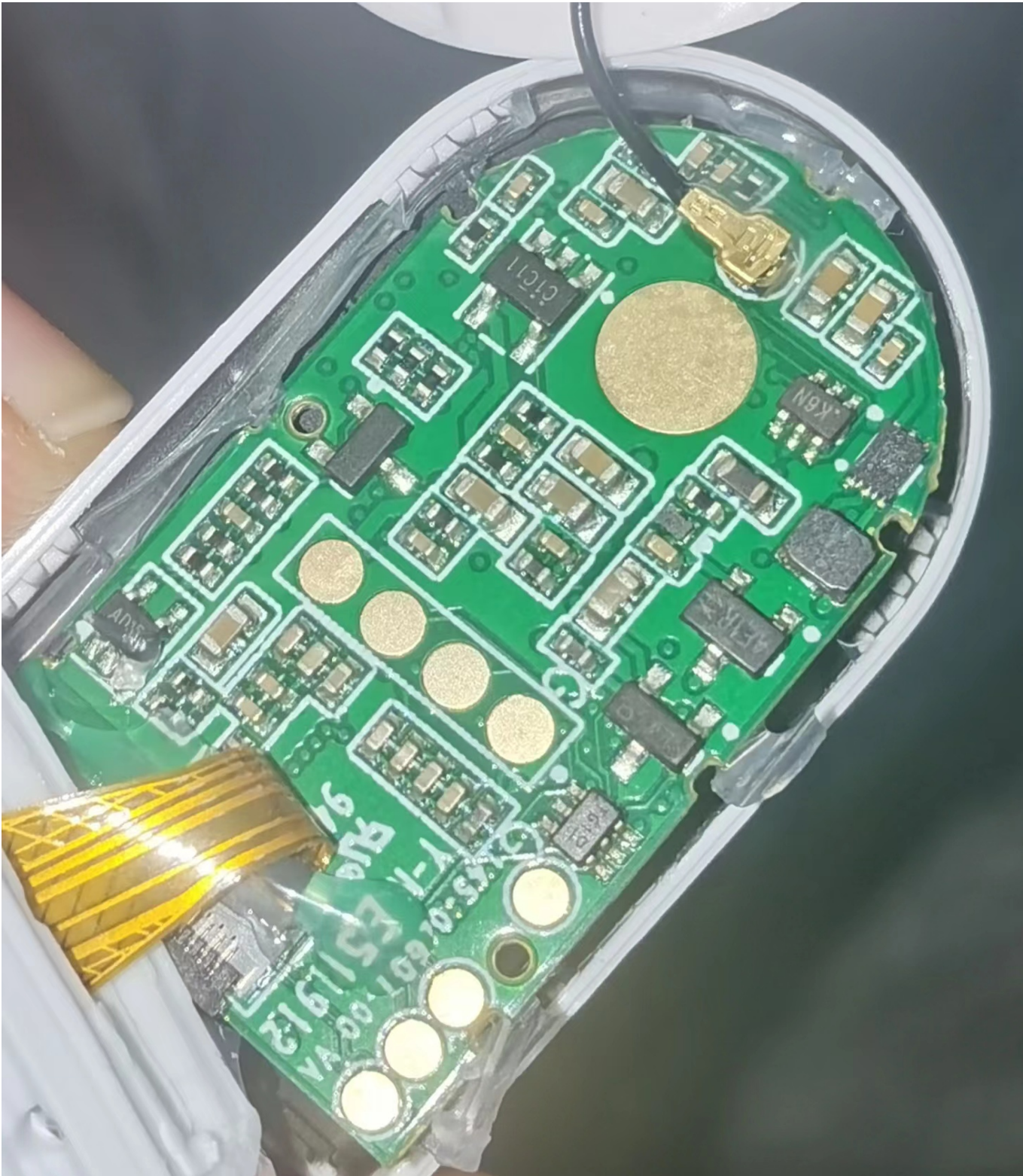
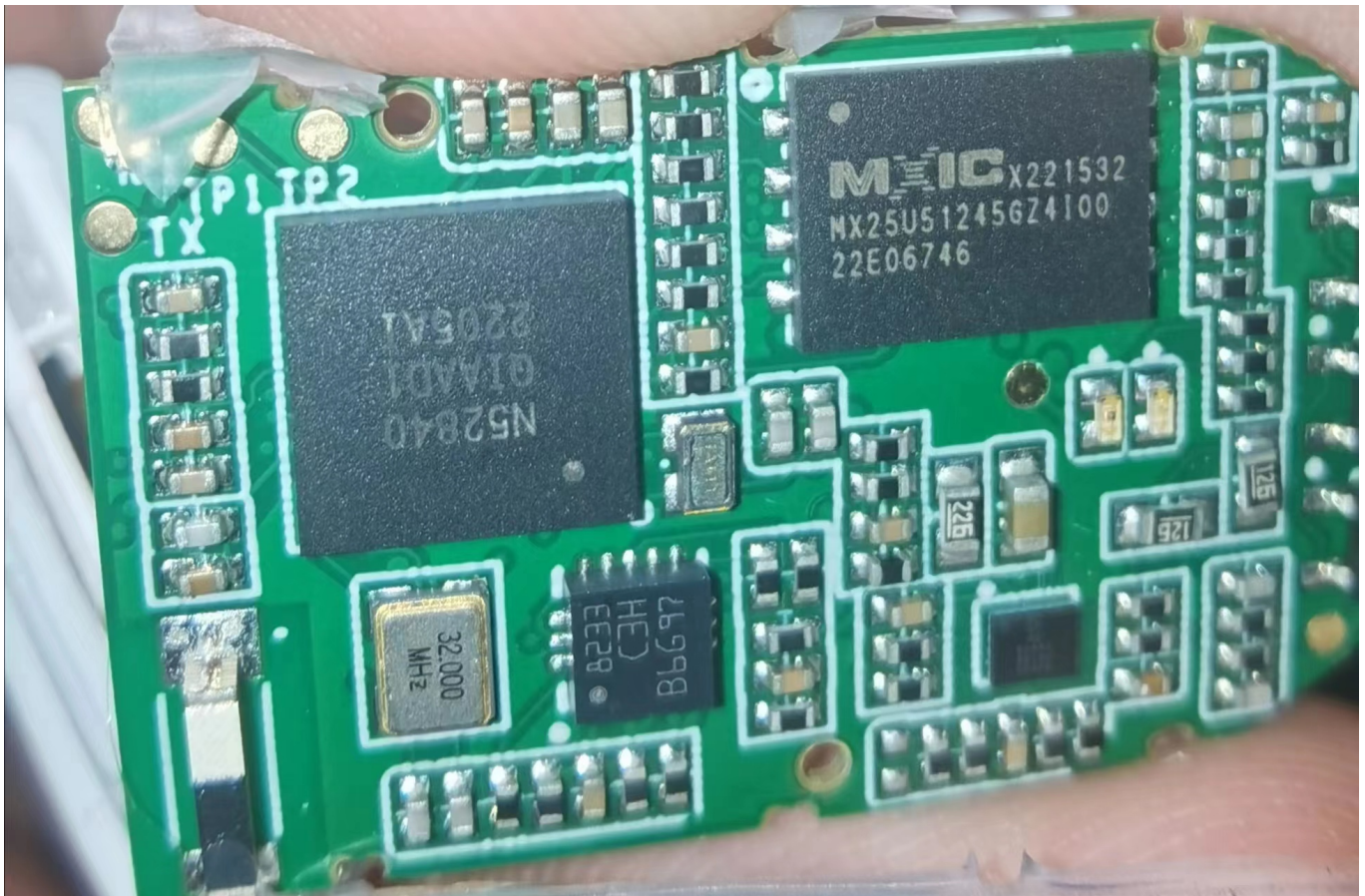


LEPU单导联心电记录仪

正面图



背面图



MCU型号:

nRF52840 [nRF52840 - Bluetooth 5.3 SoC - nordicsemi.com](https://www.nordicsemi.com/Products/Bluetooth-low-energy/nRF52840)

简述

多协议蓝牙 5.4 SoC，支持蓝牙低功耗、蓝牙网状、NFC、Thread 和 Zigbee

Key features

- 64 MHz Cortex-M4 with FPU
- 1 MB Flash, 256 KB RAM
- 2.4 GHz Transceiver
- 2 Mbps, 1 Mbps, Long Range
- Bluetooth Low Energy, Bluetooth mesh
- ANT, 802.15.4, Thread, Zigbee
- +8 dBm TX Power
- 128-bit AES CCM, ARM CryptoCell
- UART, SPI, TWI, PDM, I2S, QSPI
- PWM
- 12-bit ADC

- NFC-A
- USB 2.0

模拟前端型号

AD8233A??? (丝印看不太清, 不是很确定) [AD8233 Datasheet and Product Info | Analog Devices](#)

简述

50 μ A, 2 mm \times 1.7 mm WLCSP, Low Noise, Heart Rate Monitor for Wearable Products

Features

- Fully integrated, single-lead ECG front end
- Low quiescent supply current: 50 μ A (typical)
- Leads on/off detection while in shutdown (<1 μ A)
- Common-mode rejection ratio: 80 dB (dc to 60 Hz)
- 2-electrode and 3-electrode configurations
- High signal gain ($G = 100$) with dc blocking capabilities
- 2-pole adjustable high-pass filter
- See datasheet for additional features

存储器型号

MX25U51245GZ4I00 [MX25U51245GZ4I00 Macronix | 積體電路 \(IC\) | DigiKey](#)

简述

FLASH - NOR 内存 IC 512Mbit SPI - 四 I/O、QPI、DTR 166 MHz 8-WSON (8x6)

Features

- 技术 FLASH - NOR
- 存储器大小 512Mbit
- 存储器排列 64M \times 8
- 存储器接口 SPI - 四 I/O、QPI、DTR
- 时钟频率 166 MHz
- 写入周期时间 - 字组、页面 60 μ s、750 μ s
- 电压 - 电源 1.65V \sim 2V

还有一个不确定的元件：丝印：8233C3HBbG97