

共享单车蓝牙锁方案

专注智能硬件的连接者



深圳市昇润科技有限公司

Shenzhen Shengrun Technology Co.,Ltd

CC2640 Features

Bluetooth low energy (BLE) 4.2

and 5 Specifications

Supports Over-The-Air Upgrade (OTA)

CPU:

- Cortex-M3
- Cortex-M0
- 16Bit Sensor Controller

Wide Supply Voltage Range

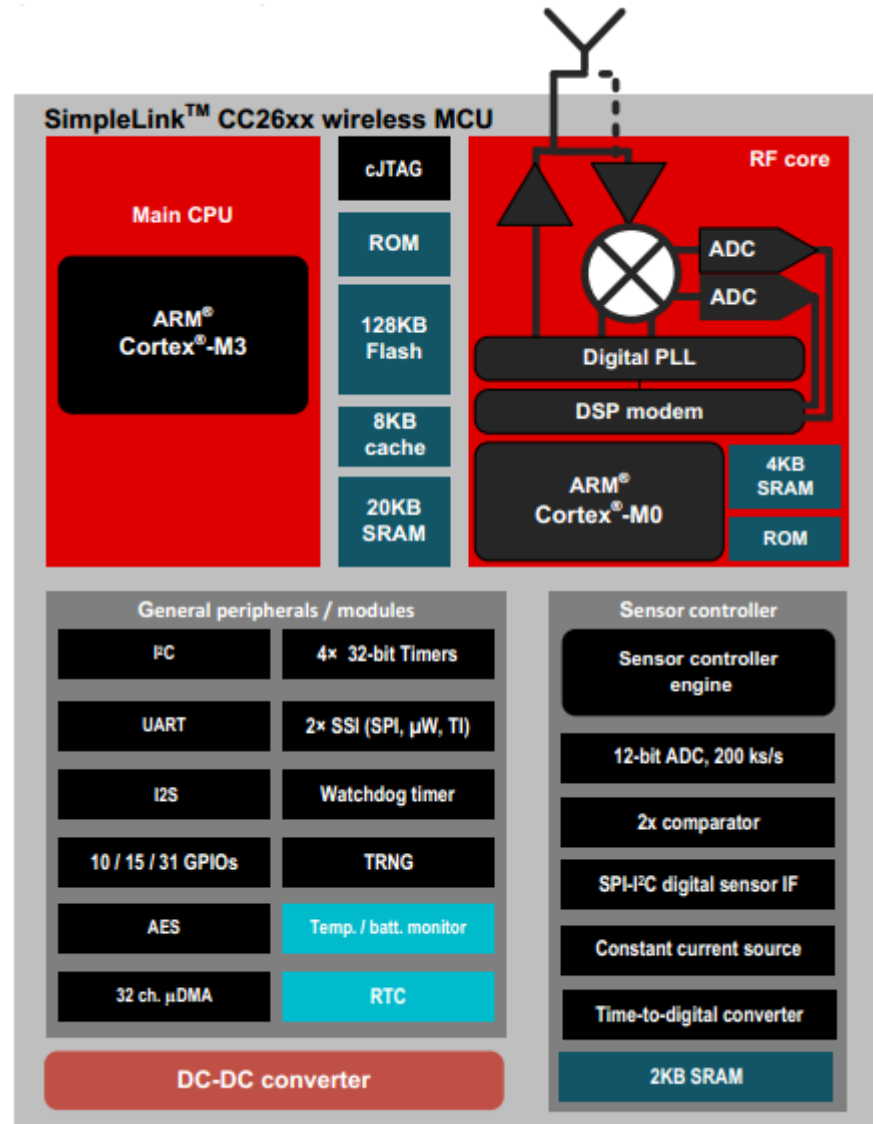
- Normal Operation: 1.8 to 3.8 V
- External Regulator Mode: 1.7 to 1.95 V

Low Power

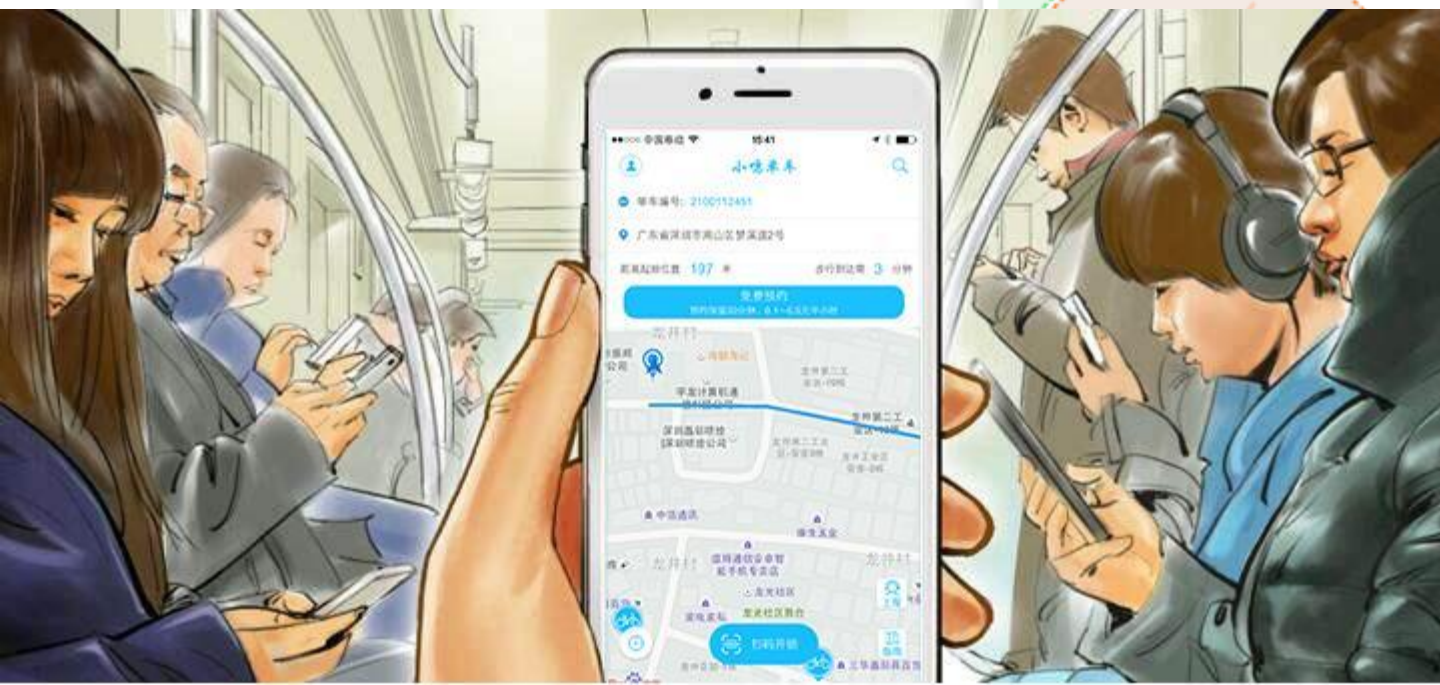
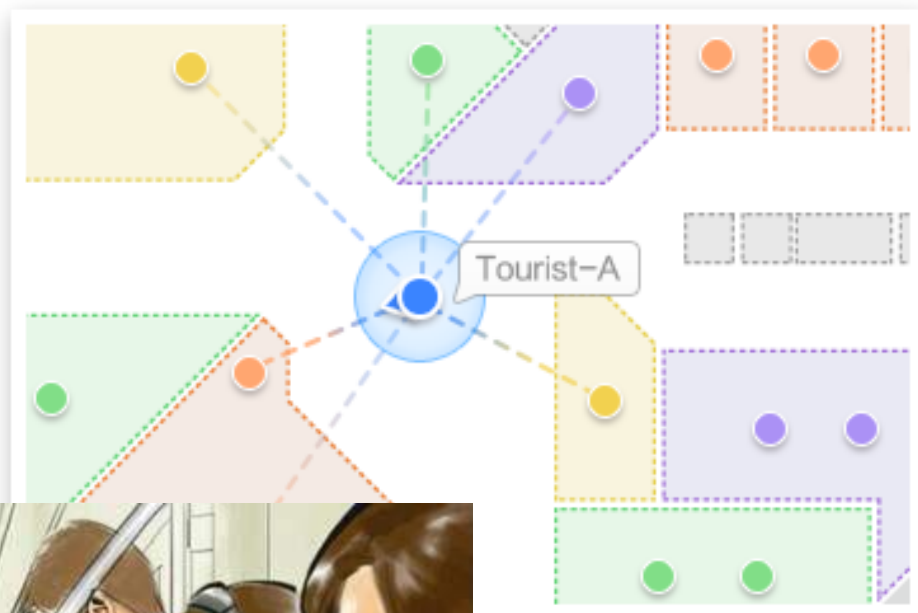
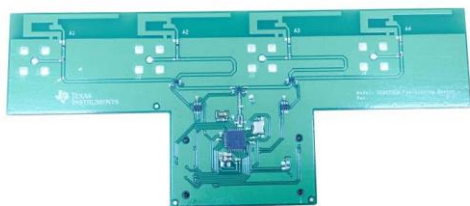
- RX: 5.9 mA • TX at 0 dBm: 6.1 mA
- TX at +5 dBm: 9.1 mA
- Active MCU: 61 μ A/MHz
- Active Sensor Controller: 8.2 μ A/MHz
- Standby: 1 μ A
- Shutdown: 100 nA

Security Module

- AES-128
- True Random Number Generator (TRNG)



精准方向定位及跟踪



哪辆是我的车？

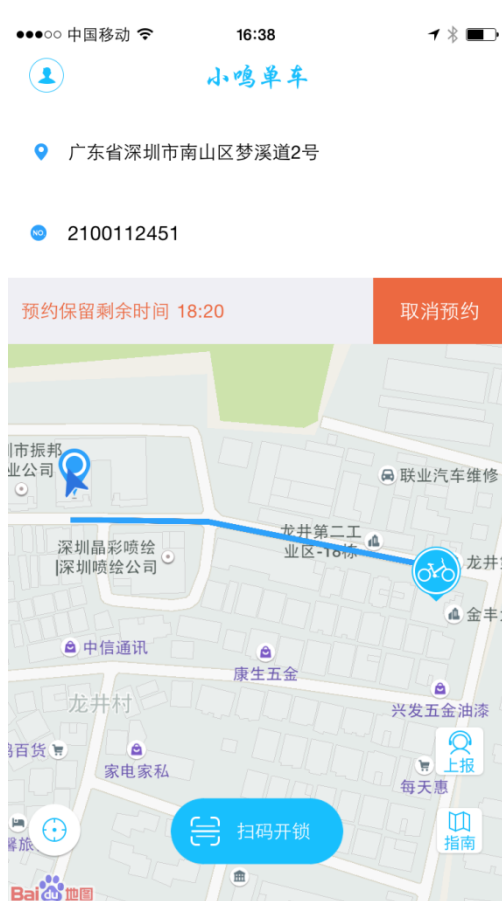


哪一辆车才是我的预约车？

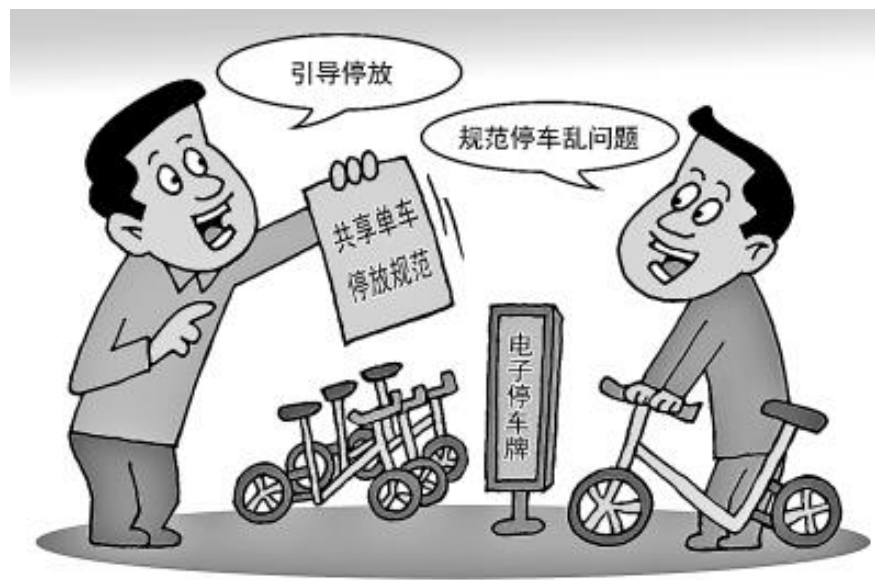
扫啦N个二维码，
都是不我的菜？

在我的左边？右？
前面？后面？

精准找车



乱停乱放



定点停车



城市中心、严管区域，只有当共享单车骑行至专用停车区，当锁接收到停车信号后才能结束骑行。