

Rev1.0

2019-06-17

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Lierda Science& Technology Group Co., Ltd

1.0

2019-05-06

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1	NB86-G	20×16×2.2 mm
2	NB86-G	20×16×2.2 mm

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RF



SIM



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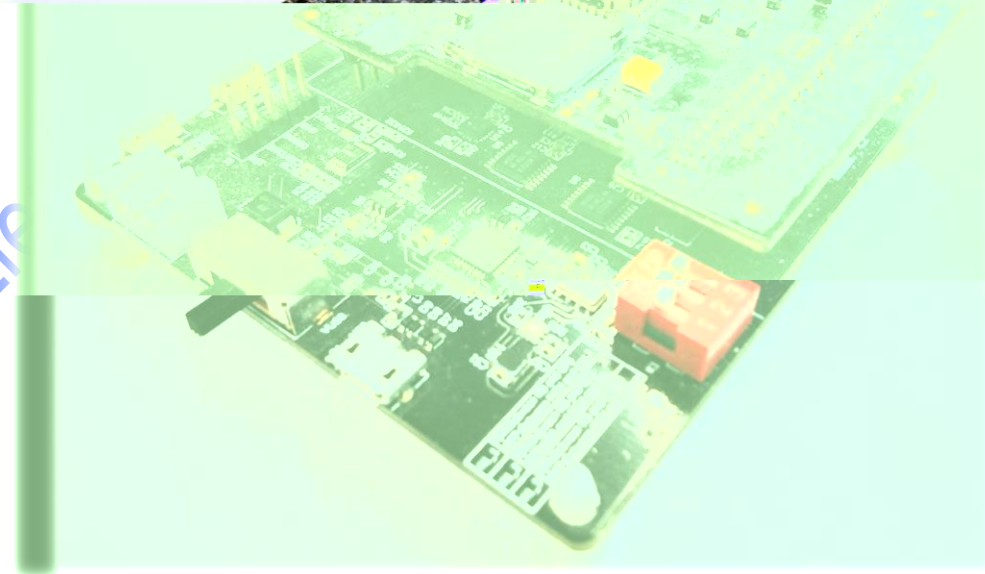
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- NB86-G EVK [NB86 EVK]
- NB86-G EVK [NB86 EVK]
- LiteOS [LiteOS]



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Li

1.

Lierda OpenCPU

- Project XX
 - src
 - lib
 - Demo

2.

- Lierda NB OPenCPU
- OpenCPU

3.

本

- Lierda NB86 EVK/NB86-G
- USB NB-IoT
- Eclipse

4.

NB86 EVK

NB86 EVK

5.

5.1.

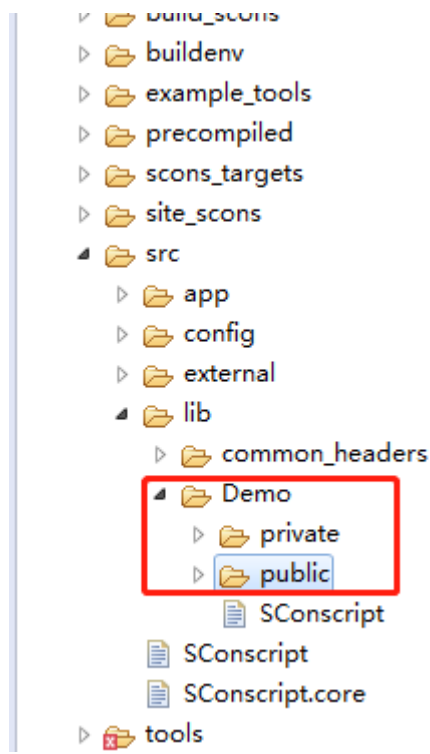
ProjectLedFlashing eclipse Lierda NB-IoT OpenCPU
DemoCode

5.2.

Demo

Demo

5-1



5-1

5.3.

5.4. 历

Lierda NB-IoT

OpenCPU DemoCode

5.5.

5.5.1.

NB-IoT

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[17:20:20.847]收←◆
OC 平台注册成功

Len:61 databuff:
ffaad3d100003c0f3836393032393033303533303138310f343630313133303331313435303335143839383631313
1383238373030303431303139321a

[17:20:23.221]收←◆
Len:26 nmi_buff: ffaad3d20000190f3836393032393033303533303138310100d5
Reg Success

Rsrp=-741

Snr=204

Coverage_level=0

Rsrq=-108

Cell_ID=163090386

WaterTemper:3072
WaterTemper:3072

GPS 未定位成功, 使用模拟数据
Position:0x10 latitude:0x120b5c60 longitude:0x4784c880


WATER data Filling

Len:140 databuff:
ffaad04000008b0f3836393032393033303533303138310000001e000000010000000100000005d075b3af41b00c
c00ef9409b88fd202000000004f05000000b8000000a63230313930363137543137313935375a0c00000003b0000
003000000011d3230313930363137543137313935375a009e000a0b01001a00000000641400104784c880120b5c608
f

[17:20:25.767]收←◆
Len:33 nmi_buff: ffaad1d10000200f3836393032393033303533303138310000016b64bc6d3e000f

```

当前状态



计费读数: 1.85 m³	当前读数: 1.67 m³
采集时间: 20190617T172025Z	内部温度: 30.96 °C
水压: 0.14 MPa	水温: 28.41 °C
日结累计流量: 0.6 L	日结累计逆流值: 0.49 L
日最高流量: 2.85 L	日最高流速时间戳: 20190617T172025Z
间隔流量: 1.56 m³	电池电量: 100 %
电池阈值: 20 %	阀门状态: OFF

下发指令

阀门状态



阀门开启

OFF

提交指令

位置展示



Liebert
5.5.3.

EVK LED10

LED10

下发指令

阀门状态



提交指令

```
[17:30:28.708]收+◆
len:33  nmi_buff: ffaad1d10000200f3836393032393033303533303138310000016b64c5a07a0087
[17:30:33.351]收+◆
len:42
nmi_buff: ffaad1d10000290f3836393032393033303533303138310000016b64c5b29501c10400b99100020100d
0
cmd c1 4
打开阀门
Rsrp=-735
Snr=181
```

6.

	OpenCPU	NB86 EVK
	OpenCPU	NB86 EVK

7.

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