

**lierda**<sup>®</sup>

证券代码

832149

**Rev1.0**

**2019-06-18**

---

“ ”

Lierda Science& Technology Group Co., Ltd

---

1.0

2019-05-06

Lierda Science& Technology Group Co., Ltd

---

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

Lierda Science & Technology Group Co., Ltd



RF



SIM



Lierda Science & Technology Group Co., Ltd

---

	.....	2
	.....	3
	.....	4
	.....	5
	.....	6
	.....	7
1.	.....	8
2.	.....	8
3.	.....	8
4.	.....	8
5.	.....	8
5.1.	.....	8
5.2.	Demo .....	8
5.3.	.....	9
5.4.	.....	9
5.5.	.....	9
5.5.1.	.....	9
5.5.2.	.....	10
5.5.3.	.....	11
6.	.....	12
7.	.....	12

Lierda Science& Technology Group Co., Ltd

●

- 
- 
- 
- 

●

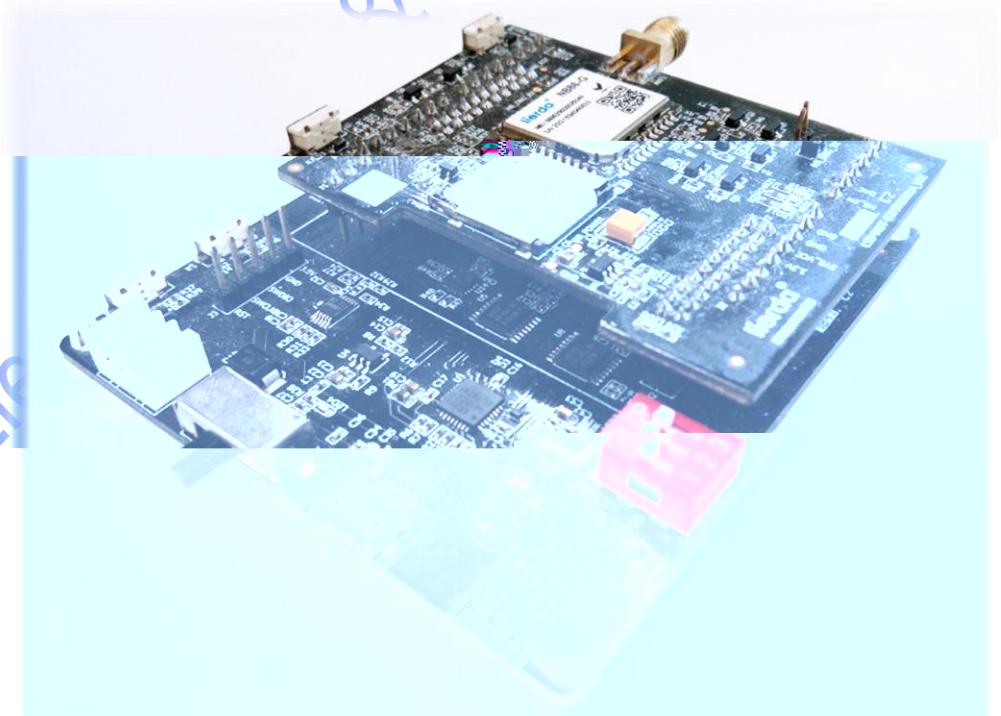
- 
- 

●

- 
- 
- 
- 
- 

●

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



Lit

Technology Group Co., Ltd

1.

Lierda OpenCPU



2.

- Lierda NB      OPenCPU
- OpenCPU

3.

- Lierda NB86 EVK/NB86-G
- USB      [NB-IoT](#)
- Eclipse

4.

NB86 EVK      [NB86 EVK](#)

5.

5.1.

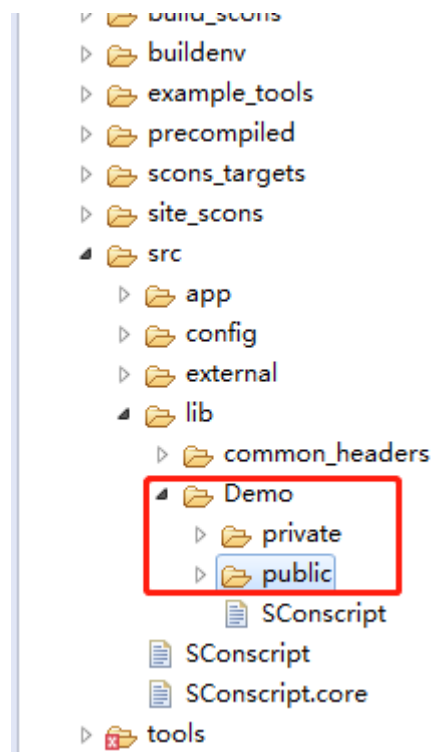
ProjectLedFlashing      eclipse      Lierda NB-IoT      OpenCPU  
DemoCode

5.2.

**Demo**

Demo      5-1





5-1

5.3.

5.4.

5.5.

5.5.1.

NB-IoT

Lierda NB-IoT

OpenCPU DemoCode

Lierda Science & Technology

., Ltd

设备注册 批量注册

**基础信息(必填)**

\* 设备名称: Lierda\_evk

\* 设备标识号: IMEI

\* 公司或组织: lierda

\* 平台接入方式: HUAWEI-OC

\* 应用场景: EVK模拟路灯

\* 设备型号: Model 1

\* 具体地址: 120.160318 30.351862 [获取地址](#)

**备注信息(选填)**

备注: 填写相关信息后点击保存即可完成注册

保存 取消

### 5.5.2.

AT

9600

```

UA
[09:55:44.027]收<◆
*****
NB86 EVK开发板例程----模拟路灯例程

利尔达科技集团<www.lierda.com>
LSD Science&Technology Co.,Ltd
杭州市余杭区文一西路1326号利尔达科技园
物联网开发者社区<http://bbs.lierda.com>
*****

DBG_INFO: NCDP?:
+NCDP: 180.101.147.115,5683
OK

[09:55:45.037]收<◆
DBG_INFO: cmd: AT+CPSMS=0
result:
OK

DBG_INFO: cmd: AT+CEDRXS=2,5,0101
result:
OK

[09:55:48.118]收<◆
DBG_INFO: cmd: AT+CGATT=1
result:
OK

[09:55:49.160]收<◆
DBG_INFO: 正在附着网络
DBG_INFO: 网络附着成功

```

leg Success

Rsrp=-825

Snr=141

Coverage\_level=0

Rsrq=-108

Cell\_ID=163090385

Illuminance=0

LIGHT data Filling

len:78 databuff:

ffaad0a000004d0f336393032393033303532303234300000001e0000000100000001000000005d08448efcc7008d00ff9409b88fd10200000000110684140000000000104784c880120b5c60e6

[09:55:54.490]收

len:33 nmi\_buff:ffaad1d10000200f3836393032393033303532303234300000016b684bd2f200b6

[09:56:20.980]收

Rsrp=-828

当前状态

下发指令

The interface displays the current status of a smart street light. On the left, there are three small images showing the light in different states: off, on, and with colorful light effects. The main status panel shows: 电池电量: 100 (Battery level: 100), 设备状态: OFF (Device status: OFF), and 电池阈值: 20 (Battery threshold: 20). To the right, there is a control section for '路灯状态' (Street light status) with a red '关' (Off) button. Below this, a '路灯亮度' (Street light brightness) slider is set to 0%, with a range from 0 to 100%. A '下发指令' (Send command) button is located at the bottom right. At the bottom of the interface is a map showing the location of the light, with a red pin and labels for '西部科技园', '华正科技园', '梦想小镇智造村', '海创大厦', '阳光城未来悦', '文二西路', '梅家乔星苑', and '余杭中学'.


### 5.5.3.

EVK LED10

LED10

Lierda Scienc

### 下发指令



路灯状态

关

---

路灯亮度: 0%  100%

提交指令

```
[10:49:11.674]收←◆
len:33 mmio_buff:ffaad1d1000200f3836393032393033303532303234300000016b687c9a960053
[10:57:18.478]收←◆
...
打开灯
Rsrp=-800
Snr=156
Coverage_level=0
Rsrq=-108
Cell_ID=163090385
```

6.

	OpenCPU	NB86 EVK
	<a href="#">OpenCPU</a>	<a href="#">NB86 EVK</a>

7.


---

Lierda Science& Technology Group Co., Ltd