

2 19



电池

8
100AH



LED (4 SOC 1)
UART
UART BLE
■ SH 232
■ SH BLE





1	SH913X_1.4	1PCS
2	>	P

配件清单



1		6
2		6
2.1		6
2.2	MOS	6
2.3		6
2.4		6
2.5		6
2.6	MOS	6
2.7		6
2.8	LED	7
2.9		7
2.10		7
2.11		7
3		8
4		8
5		9
5.1		9
5.2		11
5.3	LED	11
6		13
6.1		13
6.2		13
6.3		13
6.4		13
6.5		13
6.6		14
6.7		14
7		15
7.1		16
7.2		16
7.3		16
8		17
8.1	UART	17
9		18



1

8 / / /

2

2.1

0 45 ± 15mV

2.2 MOS

NTC 2 1 ,1
± 2
10K

2.3

± 2

2.4

2.5

SOC ± 10%

2.6 MOS

2.7



3



	Min	Max	Type	Unit
	20	40	24	V
	28	40	29	V
	-20	70	25	
	<5			mA
	<100			uA
25				



5

5.1

1	3.5V	
	3.65V	
	1.0S	3300-4400mv
2	3.38V	
	3.0V	
	2.5V	1200-3600mv
	1.0S	
	3.0V	
3	28V	

W

J'00

' 0 0



		5	
		-10	
		-8	
		50	
		60	40 -65
10		50	
		-15	55 -85
		-20	
		-15	65
		55	
		65	
		55	
		/	
		/	
11		/	
		/	
		/	
		/	
		3400mV	
12		30mV	
		SOC 5%	
13		100AH	
		100AH	EQ
14		1V	



5.2

5.2.1

BMS

MOSFET

5.2.2

BMS

5.2.3

BMS

1

2

5.3 LED

()

5.3.1 LED

1

4

ALARM	SOC			

5.3.2

		L4	L3	L2	L1	L4	L3	L2	L1
%	0 25%								
	26 50%								
	51 75%								
	76 100%								



5.3.3

ALM



LED





6

6.1

BMS

BMS

BMS

6.2

6.2.1

BMS

6.2.2

BMS

6.3

6.3.1

BMS

60

6.3.2

BMS

60

6.4

BMS

BMS

6.5

BMS

BMS



6.6

BMS 1

6.6.1

NTC

BMS

BMS

BMS

6.6.2

NTC

BMS

BMS

BMS

6.6.3 MOS

NTC

MOS

BMS

MOS

BMS

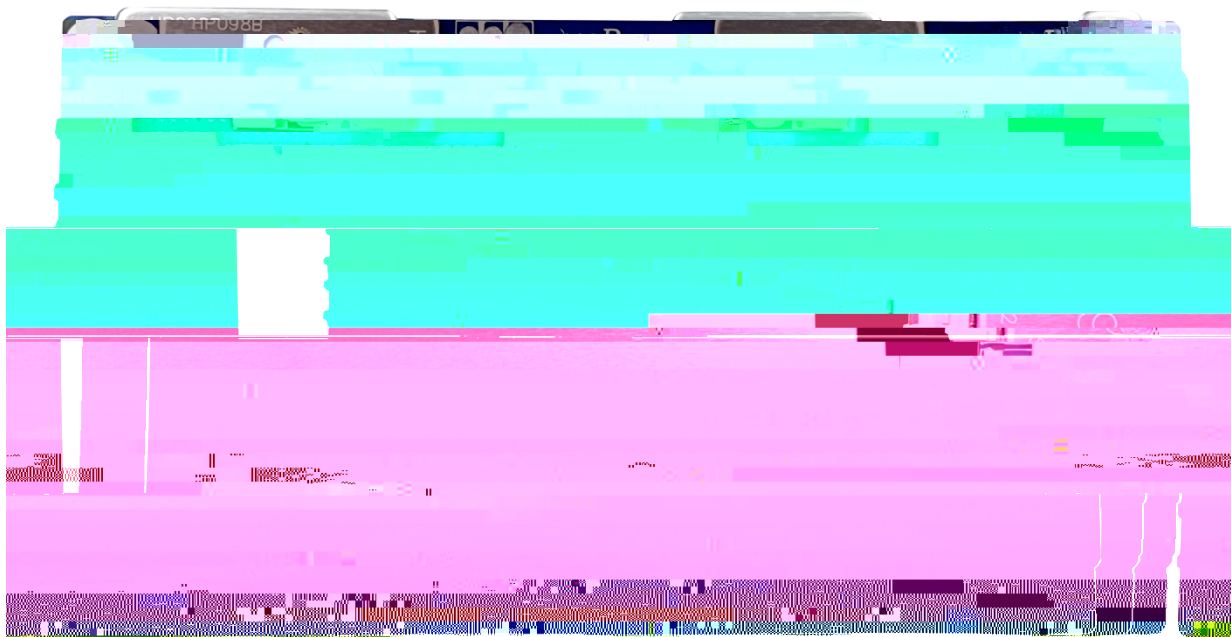
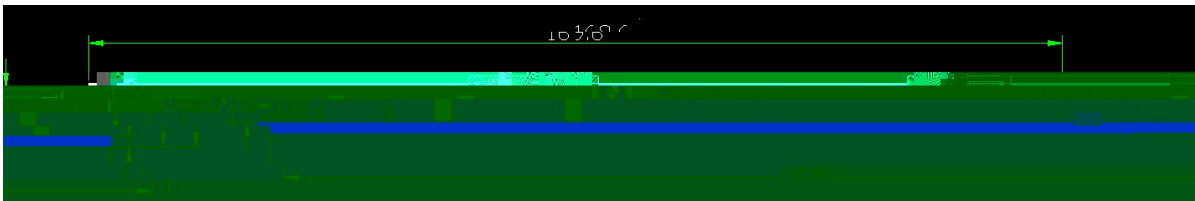
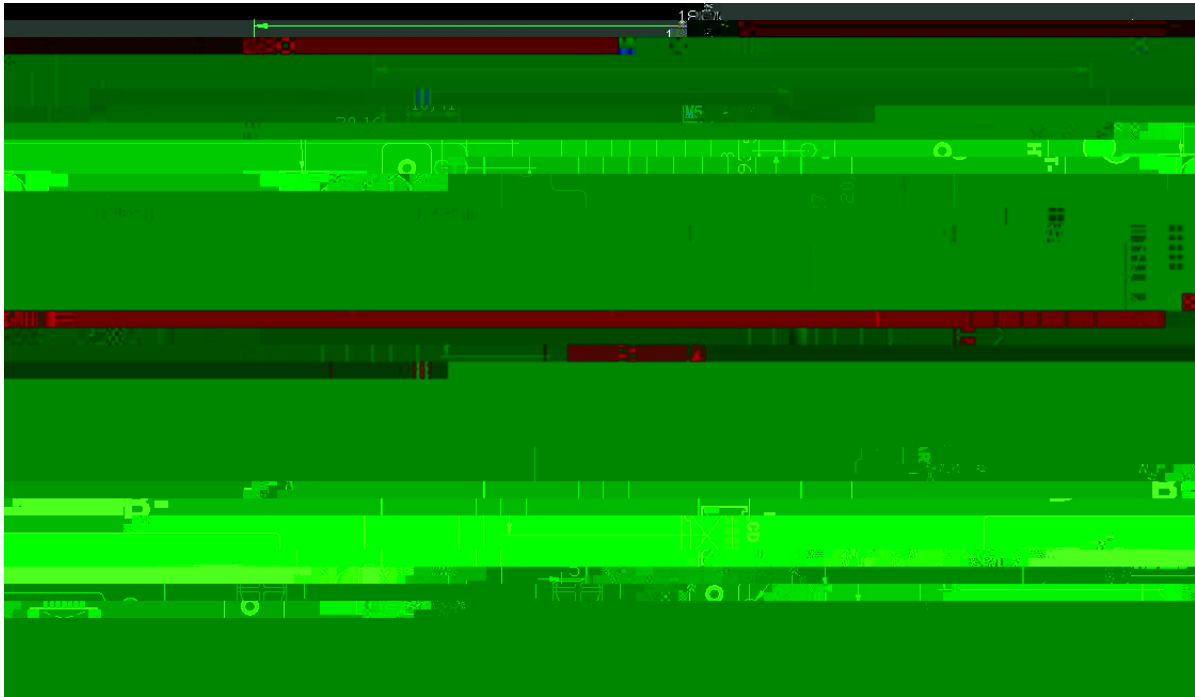
6.7

BMS

BMS



7





7.1

A	2.0		
J1			
	1	BT0	
	2	BT1	
	3	BT2	
	4	BT3	
	5	BT4	
	6	BT5	
	7	BT6	
	8	BT7	
	9	BT8	

7.2



7.3



8

8.1 UART

BMS

UART

UART

4P_2.0

LC.



9

•

• BMS 85V

•

BMS

• BMS

BMS

•

•

•

•

•

•



1

APP :

