



1	.....	4
2	.....	4
2.1	.....	4
2.2	.....	5
2.3	.....	6
2.3.1	.....	6
2.3.2	.....	7
3	.....	9
3.1	.....	9
3.2	.....	11
3.2.1	.....	11
3.2.2	.....	13
4	.....	14
4.1	.....	14
4.2	.....	14
4.3	.....	14
4.4	.....
4.5	.....	15

V1.0			
V1.1			



8P240

AFE+MCU+ + MOS



AFE

2.1



2.1

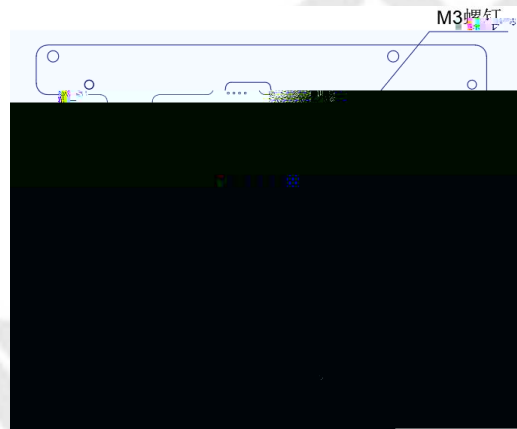
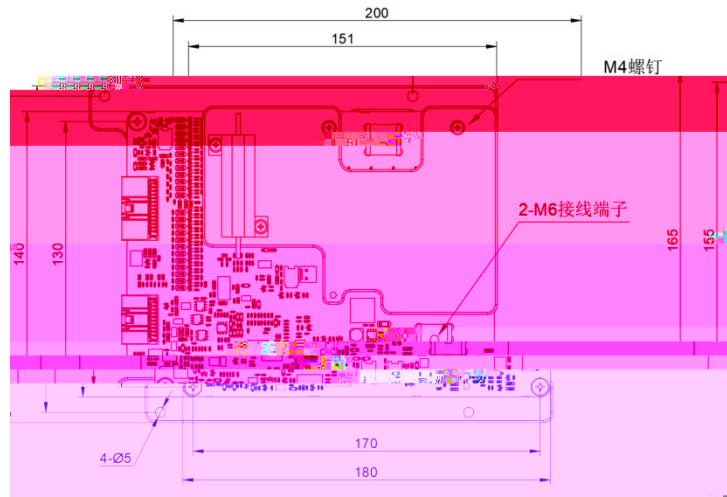
		30V~100V	
		100uA	@72V
		700uA	
		15mA	
		ACC ON CRG RTC	
		2	
		30V~100V	
		1V	
		23S	
		0~5V	
		15 ~35	
		15mV 25mV	
		-150A~150A	
		-30A~30A	
		200mA; 30A 2%;	
			@
		58.8mA	3.65V
	/	5	
	/	-40~125	
	/	2 (-30~65),	
	/	3 ()	
	MOS/ /	6	
	MOS/ /	-40~125	
	MOS/ /	2 (-30~65),	
	MOS/ /	3 ()	

		MOS	
		80A	
		130A	@30S
		1A	72V 50V 1A@1S
	CAN	CAN BMS	
		2	
		CAN	
		-40 ~85	
		-40 ~85	



2.2

3D



2.3

2.2 PCB

/mm



8	B11+	11	C11+	C11	
9	B9+	9	C9+	C9	
10	B7+	7	C7+	C7	
11	B5+	5	C5+	C5	
12	B3+	3	C3+	C3	
13	B1+	1	C1+	C1	
14	/		/		/
15	/		/		/
16	B1-	1	C1-	C1	
17	B2+	2	C2+	C2	
18	B4+	4	C4+	C4	
19	B6+	6	C6+	C6	
20	B8+	8	C8+	C8	
21	B10+	10	C10+	C10	
22	B12+	12	C12+	C12	
23	B13+	13	C13+	C13	
24	B15+	15	C15+	C15	
25	B17+	17	C17+	C17	
26	B19+	19	C19+	C19	
27	B21+	21	C21+	C21	
28	B23+	23	C23+	C23	
J5	/	B-			
J3	/	P-			
J4	/	R_YC			
J2	/	NTC6/ NTCGND2			T6

 BMS ZES#PDMpD'





:

ϵ B+_1 & B+_2 ● P+ ○ B-_1

■ P2 P1 □ B-_2 □ P-



■ P2 P1 □ B-_2 □ P-

ϵ B+_1 & B+_2 ● P+ ○ B-_1

1.

2.

1.

2.

3.