

CurMpoint1 2 R5 1 CurMpoint2
0R

LED1
R4 1K
Red BM_ALARM2

R7 2 1
0R

R6 2 1
0R

R2 10K
R1 10K

U2
SDA TSENSE2 B3
A2 VSS TSENSE1 B4
A3 REG TSENSE1 C1
A4 VDD TEST1 C2
B1 SCL NF1 C3
B2 TEST2 NF2 C4
LC709204FXE-01TBG

TSENSE2
R3 10K
TSENSE1

NTCvp

M1

VIN 30 16

EN 17 18

VP 12 13

VN 6 7

RX0 14 15

TX2 23 24

SCL 25 26

BM_ALARM 21 22

SDA 20 19

GND 2 29

GND

ESP32-WROOM-32

con1
2 1
CurMpoint1
2pin Wire Connector_1

C4 1uF
C04 2.2uF

NTC2
NTC1

DS-05RP
1 1 6 BM_ALARM
2 2 7 BM_ALARM2
3 3 8 NTCvp
4 4 9 TSENSE1
5 5 10 TSENSE2

J1
CurMpoint1 1
5004
J2
1
5004
GND
J3
TSENSE1 1
5004
J4
TSENSE2 1
5004
J5
NTCvp 1
5004
J6
CurMpoint2 1
5004

Battery pack current measure J1 and J6 point.
Battery pack Voltage measure J1 and J2 point.

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| Title * | | | * |
| Size: A4 | Number:* | Revision:* | * |
| Date: 25/08/2022 | Time: 12:31:25 | Sheet* of * | * |
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