

TTR8-PCU ????

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- [\[redacted\]](#) ([\[redacted\] GitHub](#))
- [\[redacted\]](#) ([\[redacted\] GitHub](#)) :::info [redacted] PCB
[redacted] ...

????

:::danger

- DC-DC Buck [redacted] (+6V, +6V_SD) :::

????

:::warning

- [redacted] !!!
- [redacted] 5V[redacted]
- [redacted] 5V[redacted] :::

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[redacted]

1. +6V? N/A 5.996
2. +5V? 4.99950V, 33mV 4.99930
3. +3V3? 3.29630V, 55mV 3.29970
4. +6V_SD? N/A 6.9927
5. +5V_SD? 5.9976
6. +3V3_SD? 3.29860
7. VCC_ISO? 11.91819V 12.68915
8. +5V_ISO? 5.00242V 5.99548

- 9. +3V3_ISO?
- 10. VREF_5V?
- 11. HV_THRESHOLD?

???????

- 1. RST 0 RST_BUF 1?
- 2. CHARGE_EN 1 CHARGE_EN_BUF 1?
- 3. DISCHARGE_ENABLE 0 DISCHARGE_ENABLE_BUF 1?

BMS?????

- 1. Q6 PIN4 GLV (SD_LOOP_IN) CHARGE_EN 1 CHARGE_POWER GLV?
- 2. DISCHARGE_EN 0 () ?AMS_SD ?AMS_OK_BUF 5V?
- 3. 5 DISCHARGE_EN 1 () ?AMS_SD ?AMS_OK_BUF 0V?
- 4. 6 DISCHARGE_EN 1 RST 0 ?AMS_SD ?AMS_OK_BUF 5V?

TSAL?

- 1. CLK_2HZ 2HZ?
- 2. HV_DETECT 0 <60V ?>60V ?
- 3. HV_DETECT 1 <60V ?>60V 2Hz ?(H_AIR_LOAD_SIDE 60V HV_DETECT 1) ::warning :)

HVCU?

- 1. U19 CLK 1024Hz?
- 2. ?
- 3. ERR ? HVCU_OK_BUF 0? READY_TO_DRIVE 0? .JED PLD ::info PreCharge DisCharge :: CHARGE_EN 0 CHARGE_EN1
- 4. TIMEOK_ADJ TIMEOUT_ADJ 0000 TimerError(1000)? ERR2?
- 5. TIMEOK_ADJ 1111 TIMEOUT_ADJ 0000 TimerError(1000)? ERR2!!

