HiKEY SCH

1. Catalog
2. Power Tree
3. 12V IN
4. USB/Hub
5. PMU-1
6. PMU-2
7. PMU Codec
8. SOC-1 System
9. SOC-2-GPIO
10. SOC-3-Media
11. SOC-4-MEM
12. SOC-5-RF
13. SOC-6-POWER
14. SOC-7-GND
15. LRDDR3
16. EMMC
17. HDMI
18. IO_CONN
19. WIFI

The type and specification of the components refer to the BOM
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DC 8–18V Input

5VDC to 3V3DC

DC_IN 12V0 To 5V 2.6A

DC_IN 12V0 To 4.2V 2.6A

Vout = 0.765 \times (1+124K/22.1K) = 5.06V

Vout = 0.765 \times (1+100K/22.1K) = 4.23V

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HUAWEI TECH CO., LTD.
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User LED's green

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SOC Media IF

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SOC Memory IF

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