The type and specification of the components refer to the BOM.
2. Power Tree

The type and specification of the components refer to the BOM.
3. Block Diagramm

The type and specification of the components refer to the BOM.

HiKEY960 Board

HUAWEI TECH CO., LTD.
4. 12V DC_IN

DC 8-18V Input

DC_IN 12V0 To 5V 5A

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

5VDC to 3V3DC

Vout=0.5*(1+6.8K/1.2K)=3.33V

The type and specification of the components refer to the BOM

SYSDC_IN

DC_IN 12V0 To 4.2V 5A

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

DC_IN 12V0 To 5V 5A

Vout=0.765*(1+100K/22.1K)=5.06V

HiKEY960 Board

HUAWEI TECH CO., LTD.
5. SOC PWR1

The type and specification of the components refer to the BOM.
7. SOC PWR3

The type and specification of the components refer to the BOM.
The type and specification of the components refer to the BOM
9. SOC GPIO

The type and specification of the components refer to the BOM

HiKEY960 Board
The type and specification of the components refer to the BOM.
11. SOC GND

The type and specification of the components refer to the BOM.
The type and specification of the components refer to the BOM:

13. PMU-2

Four channels
L 4

Three channels & one channel
L 3

Place C1321 close to D6 pin
The type and specification of the components refer to the BOM.
The type and specification of the components refer to the BOM.
17 USB/Hub-1

TYPEC USB

USB3.0 Connector 1

The type and specification of the components refer to the BOM.

HiKEY960 Board

HUAWEI TECH CO.,LTD.
18 USB/Hub-2

Vout\(=\frac{(0+R2)}{R2} \times 1.205=1.2V\)

Stack Pads

USB3.0 Connector 2

The type and specification of the components refer to the BOM

Heykey960 Board

ECA NO DATE

DESIGNED REVIEWED

VER PART_NUMBER SHEET OF

A HUAWEI TECH CO., LTD.
The type and specification of the components refer to the BOM.

DESIGNED

HiKEY960 Board
The type and specification of the components refer to the BOM.
The type and specification of the components refer to the BOM.
The type and specification of the components refer to the BOM.

HiKEY960 Board

HiKEY960 Board
24 User LED

The type and specification of the components refer to the BOM

HiKEY960 Board

HUAWEI TECH CO., LTD.
The type and specification of the components refer to the BOM