

1

1

POWER

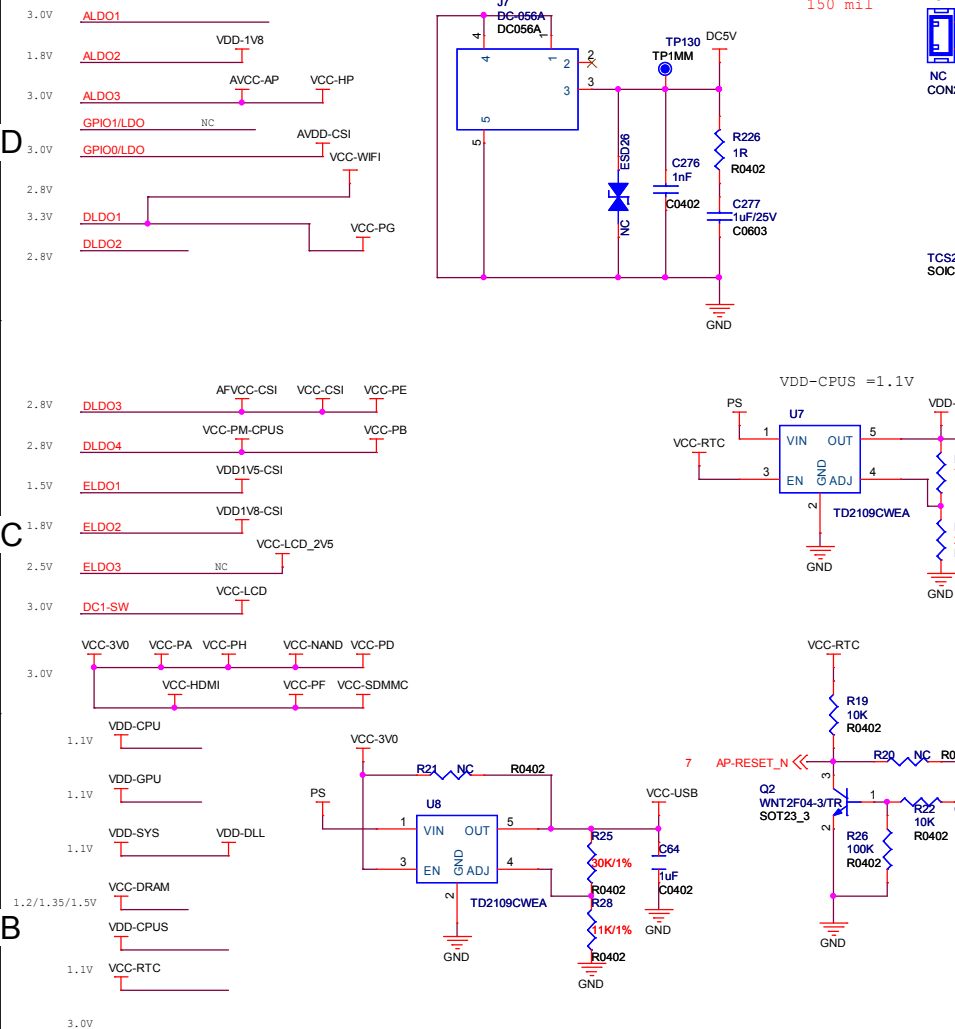
5

D

C

B

A



Name	Default Voltage	Maximum Current	Comment	Name	Default Voltage	Maximum Current	Comment
DCDC1	3.0V	1A	For GPIO Default ON	DLDO1	0V	400mA	Default OFF
DCDC2	1.1V	2A	For GPU Default ON	DLDO2	0V	200mA	Default OFF
DCDC3	1.1V	2A	For CPU Default ON	DLDO3	0V	200mA	Default OFF
DCDC4	1.1V	600mA	For System Default ON	DLDO4	0V	100mA	Default OFF
DCDC5	1.2V	2A	For DRAM Default ON	ELDO1	0V	400mA	Default OFF
ALDO1	0V	300mA	Default OFF	ELDO2	0V	200mA	Default OFF
ALDO2	1.8V	300mA	For 1.8V IO/LPDDR2 Default ON	ELDO3	0V	200mA	Default OFF
ALDO3	3V	200mA	For SOC Analog Default ON	DC5LDO	1.1V	200mA	For CPUS, From DC/DC5 Default ON
GPI00	0V	100mA	Default OFF	DC1SW	3.0V	0.1ohm	For LCD, From DC/DC1 Default OFF
GPI01	0V	100mA	Default OFF	RTC-VCC	3V	30mA	For RTC Always On

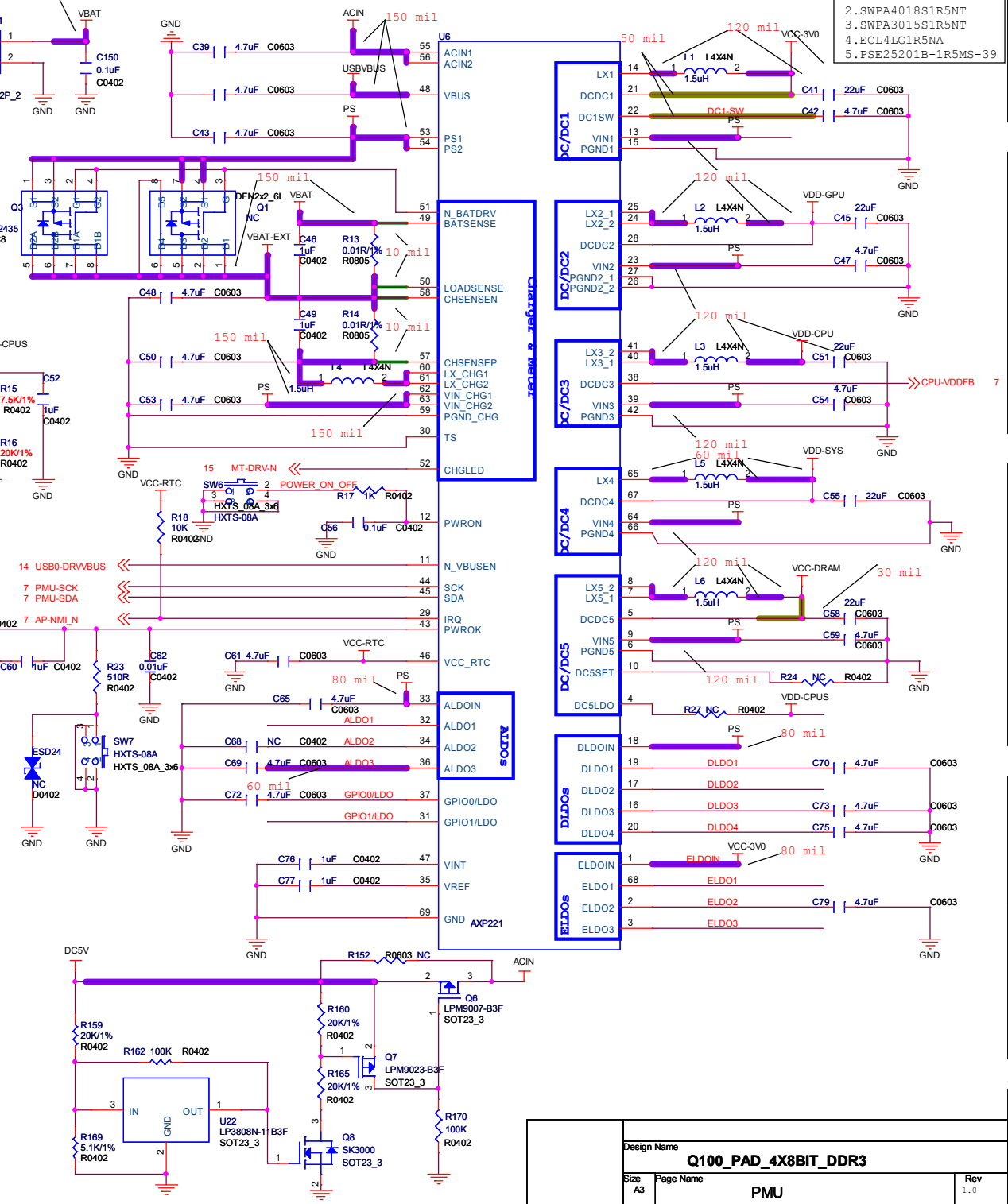
4

3

2

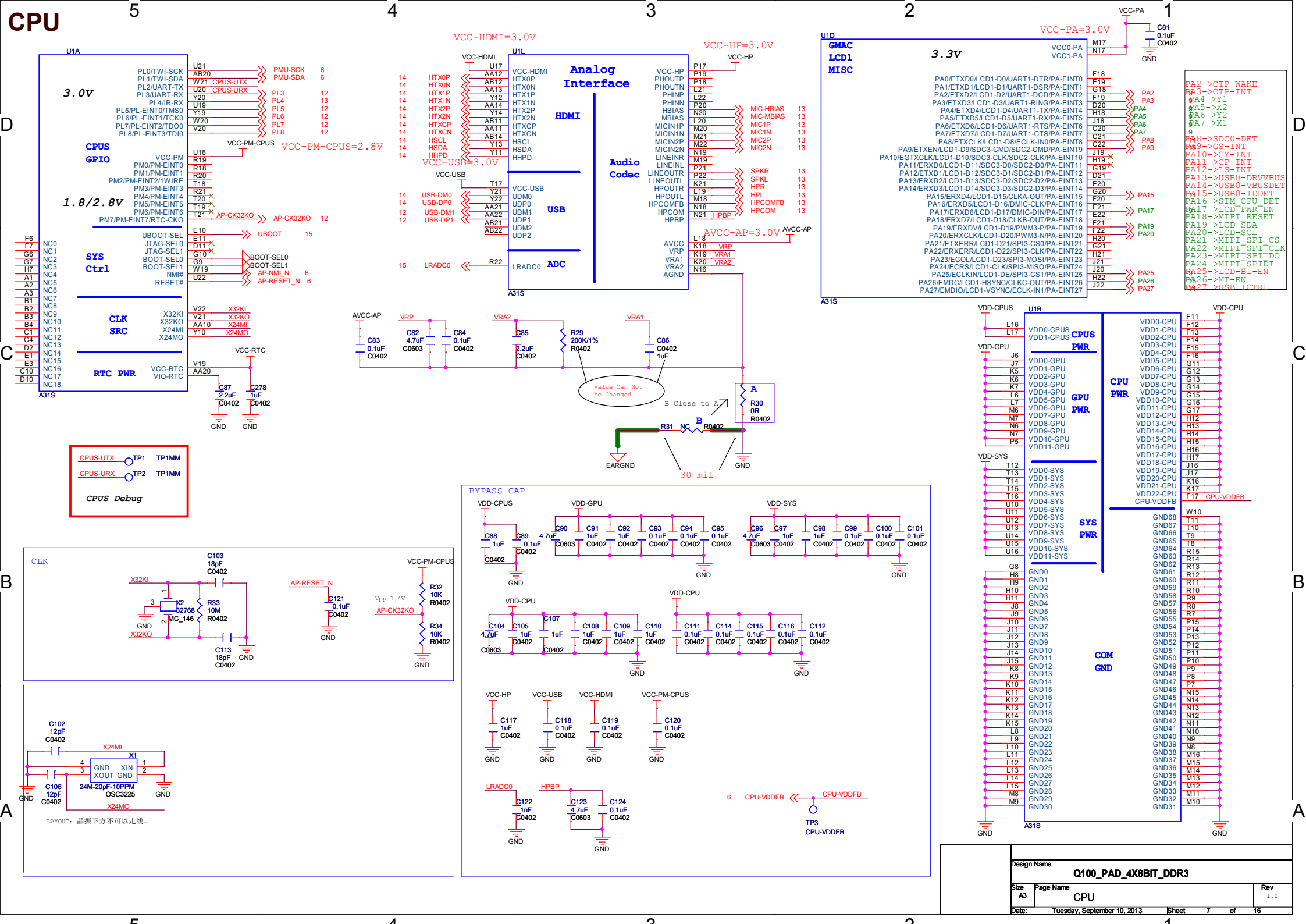
C40

1

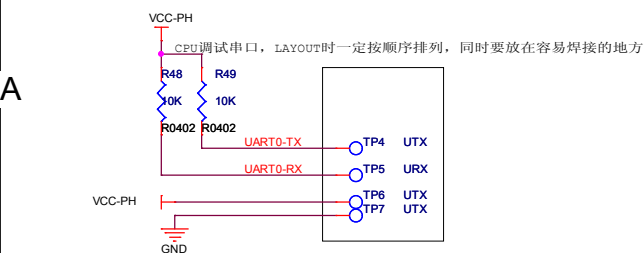
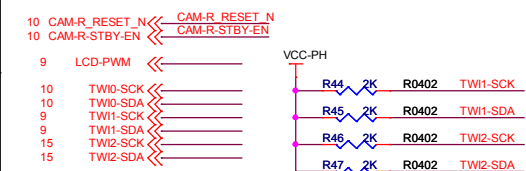
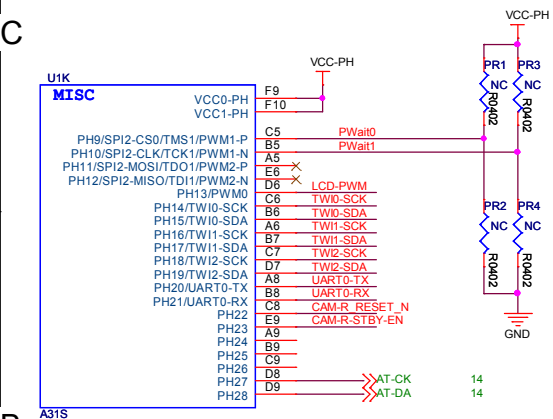
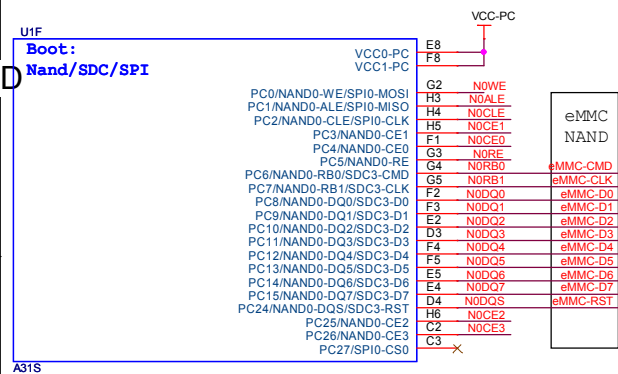


- Inductor option:
- 1.SPH40401R5METG
 - 2.SWPA4018S1R5NT
 - 3.SWPA3015S1R5NT
 - 4.ECL4LGR5NA
 - 5.PSE25201B-1R5MS-39

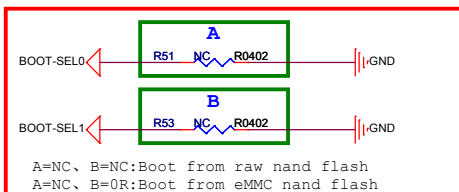
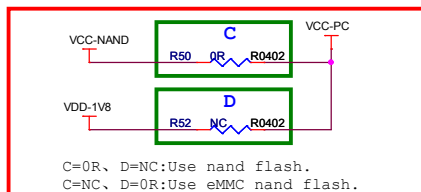
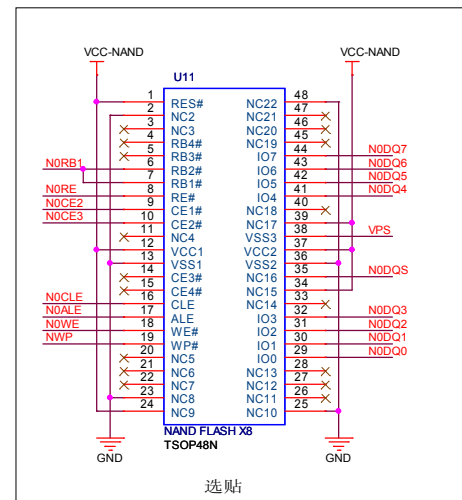
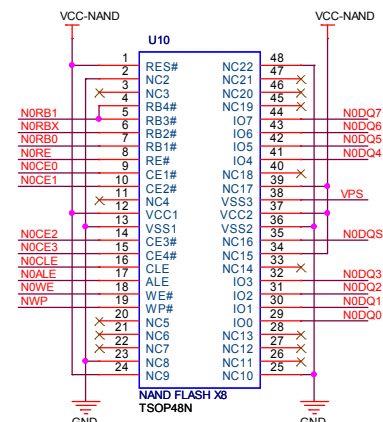
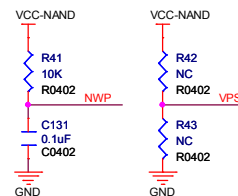
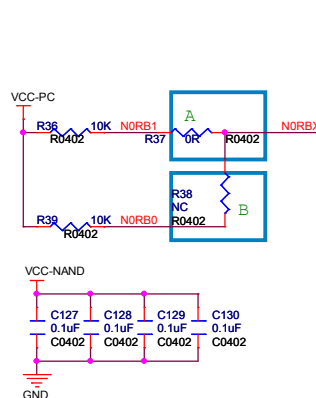
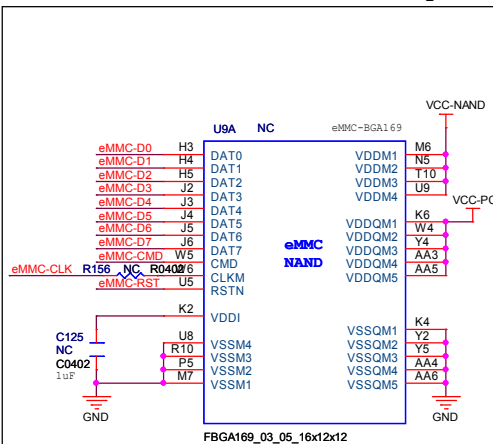
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and Flash, eMMC

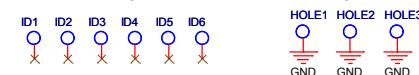


Both eMMC NAND and TSOP NAND layout together



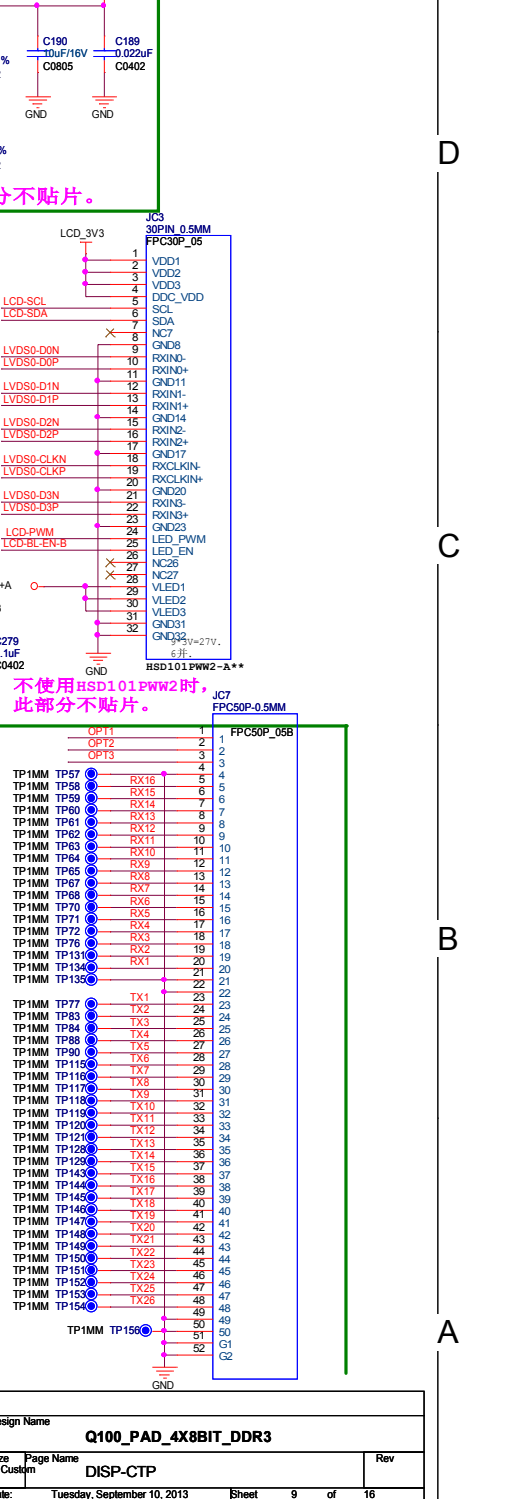
MARK POINT

HOLE

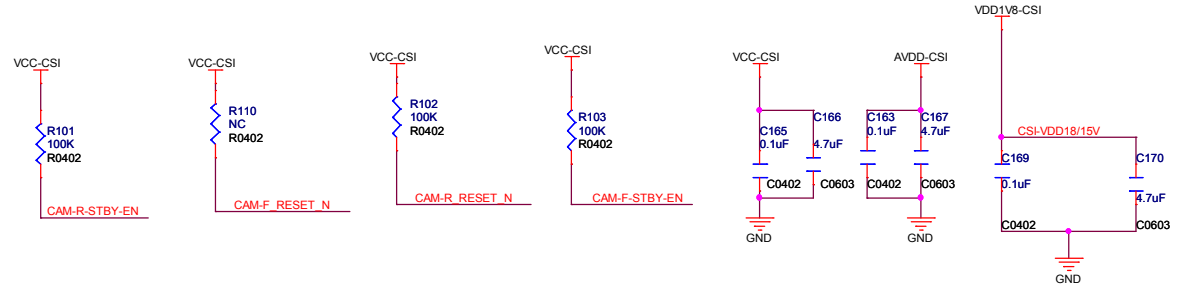
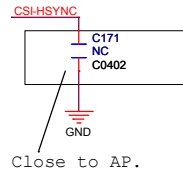
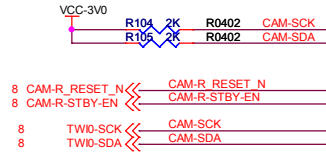
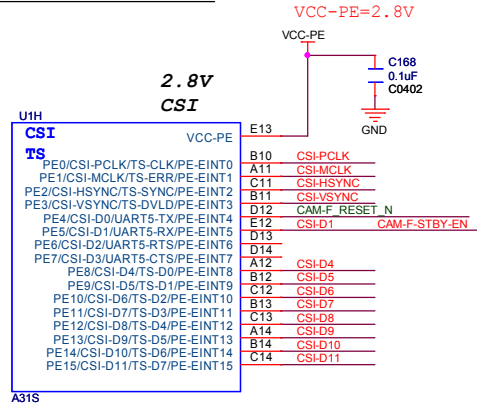


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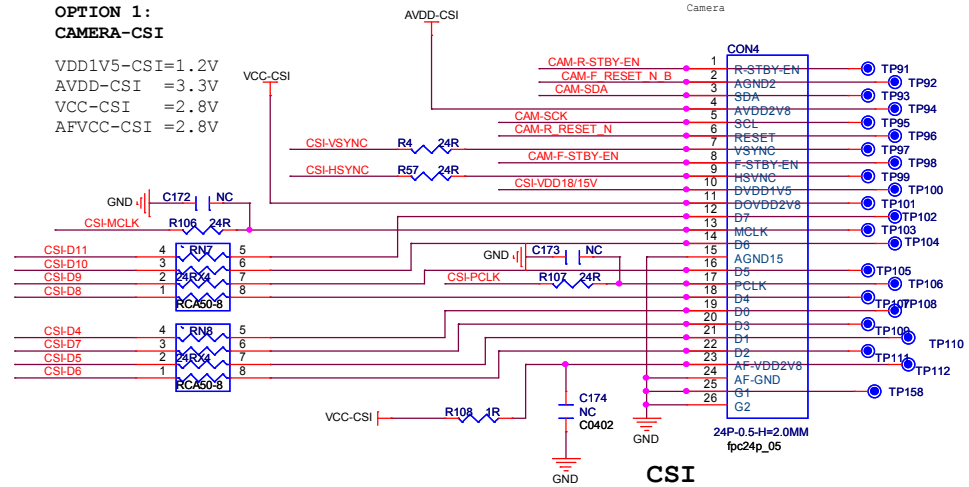


CAMERA



OPTION 1: CAMERA-CSI

VDD1V5-CSI=1.2V
AVDD-CSI =3.3V
VCC-CSI =2.8V
AFVCC-CSI =2.8V

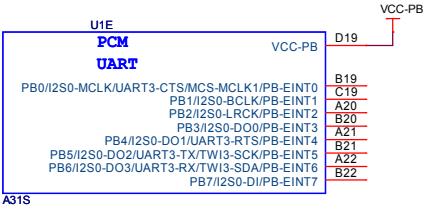


前30W, 后200W.

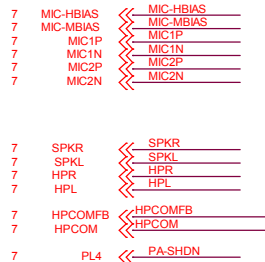
Camera

CSI

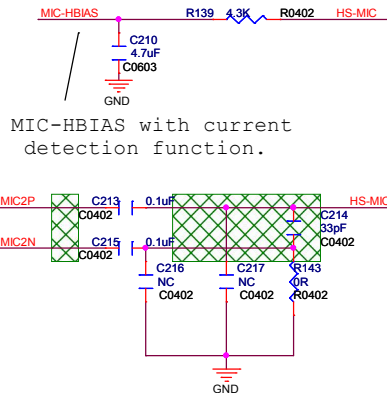
MODEM



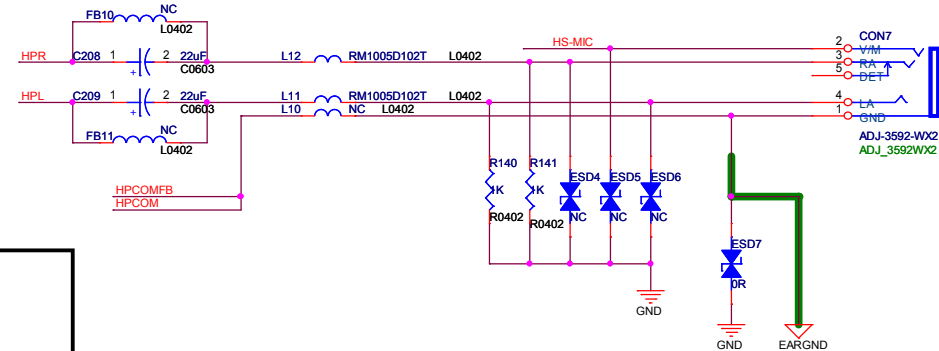
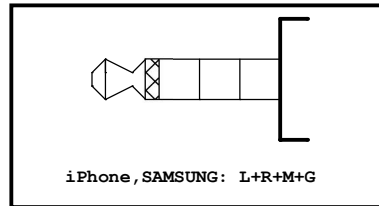
AUDIO IN/OUT



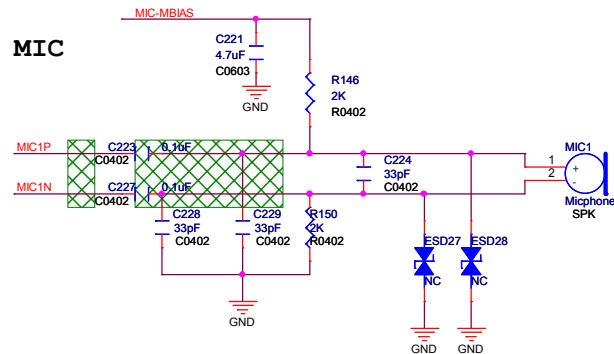
Head Phone



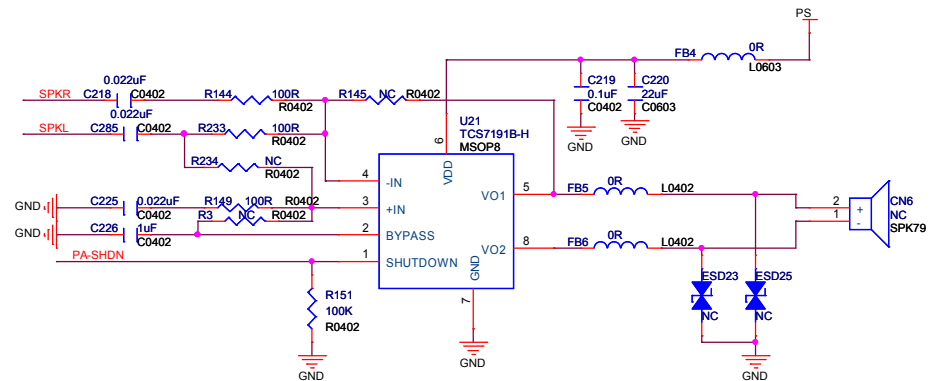
Differential pairs



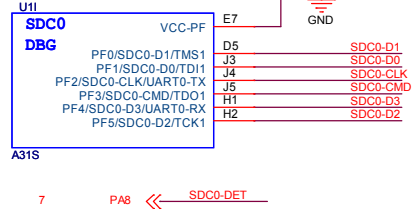
Differential pairs



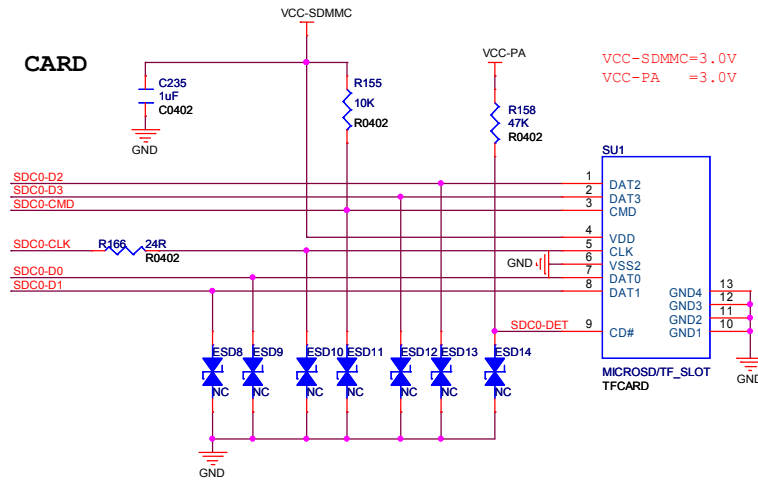
Speaker



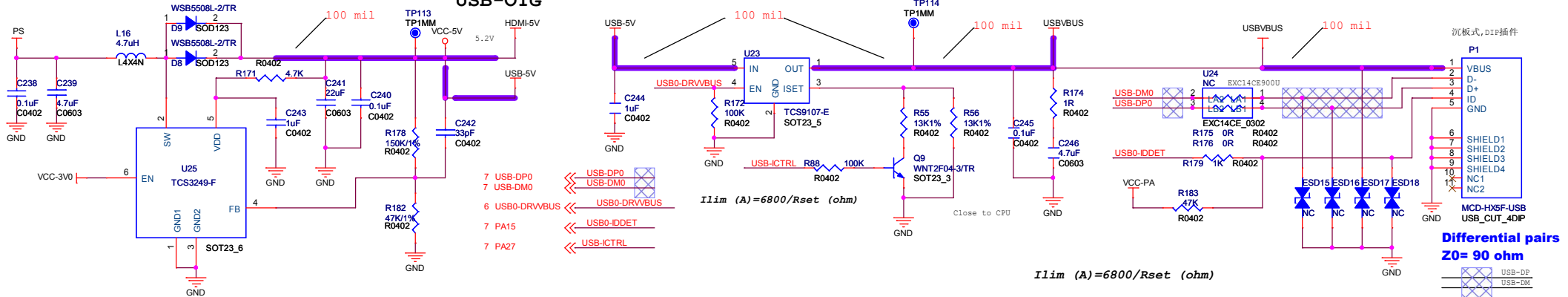
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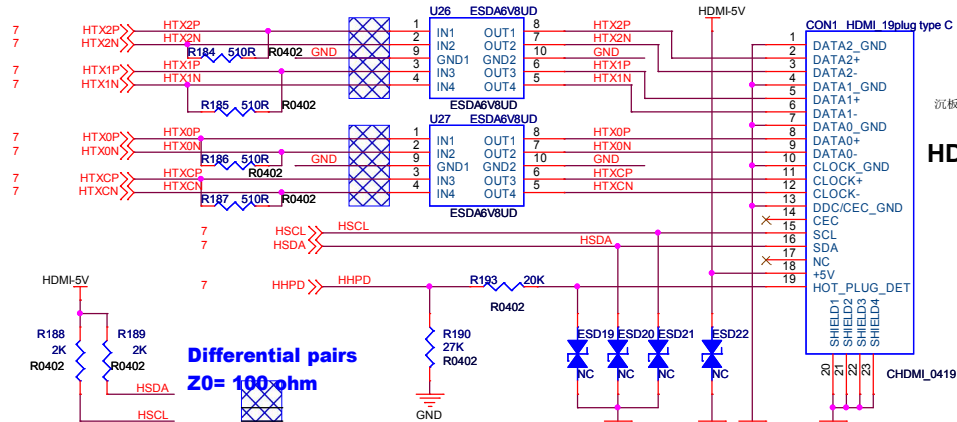
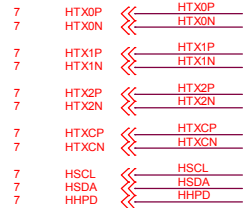
CARD



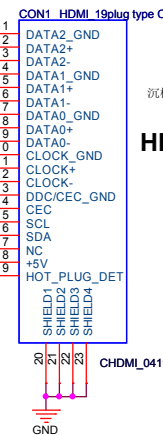
USB-OTG



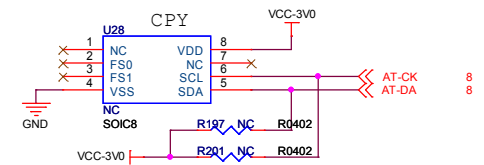
HD MI



HDMI



加密IC，如客户有需要时请加上

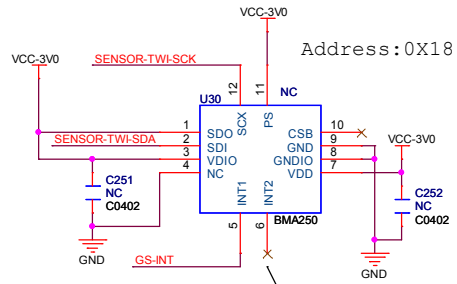


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SENSORS



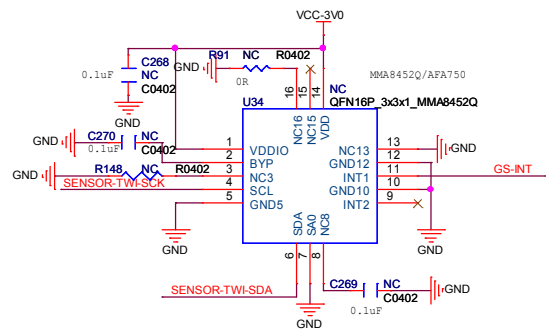
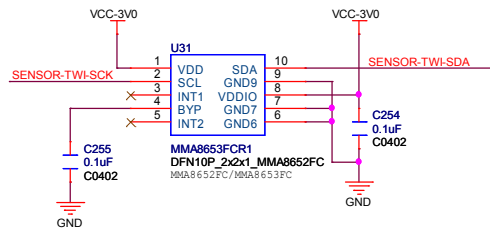
3D G-Sensor



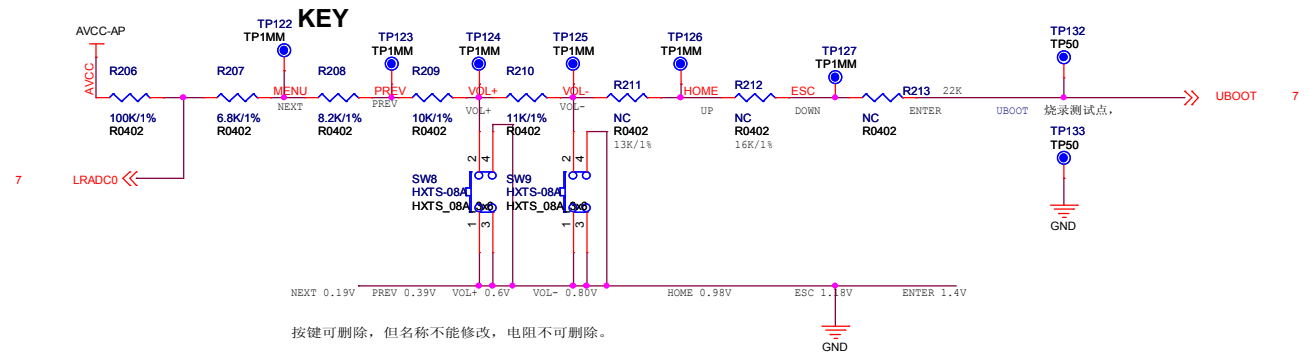
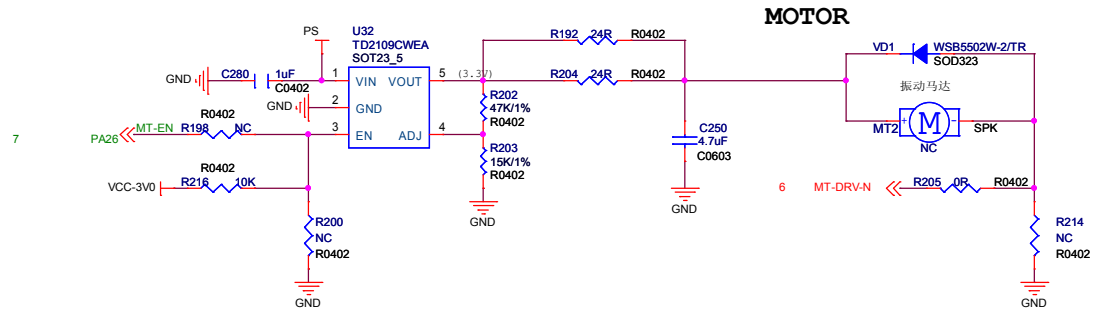
右上方放置PIN1脚，与屏平行放置，放在屏的左上方

1、The first pin placed on the left lower corner of product on top view.

3D G-Sensor



Motor 2-in-1 Light Sensor and Proximity Sensor



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