# Carrier Schematic For RK3399Pro Som

# **Linaro SoM Carrier Boards V1.0**

USB: Type C + USB3.0 + USB2.0 DISPLAY: HDMI+DSI+EDP

STORAGE: eMMC + TF card

INTERFACE: MINIPCIE+ETH+2.4G/5G WIFI

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项目:	Linaro SoM Carrier Boards			
文件:	RK3399Pro Carrier			
图纸:	00.Cover Page			
修改日期:	Monday, March 11, 2019	版本:	V0.1	
设计者:	CZA	页码:	0 of 27	

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### Note

#### NOTE 1:

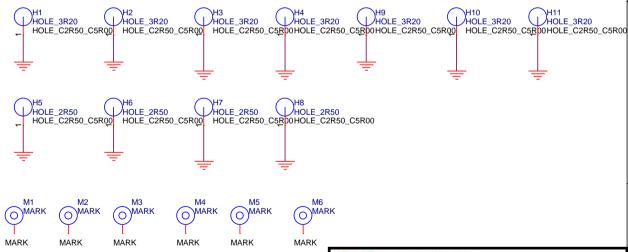
#### **Component parameter description**

- 1. DNP stands for component not mounted temporarily
- 2. If Value or option is DNP, which means the area is reserved without being mounted
- 3. If Flash is compatible, please notice when eMMC is used, the option is that @eMMC is mounted, @Nand is not mounted when Nand is used, the option is that @Nand is mounted. @eMMC is not mounted

#### NOTE 2:

Please use our recommended components to avoid too many changes. For more informations about the second source, please refer to our AVL.

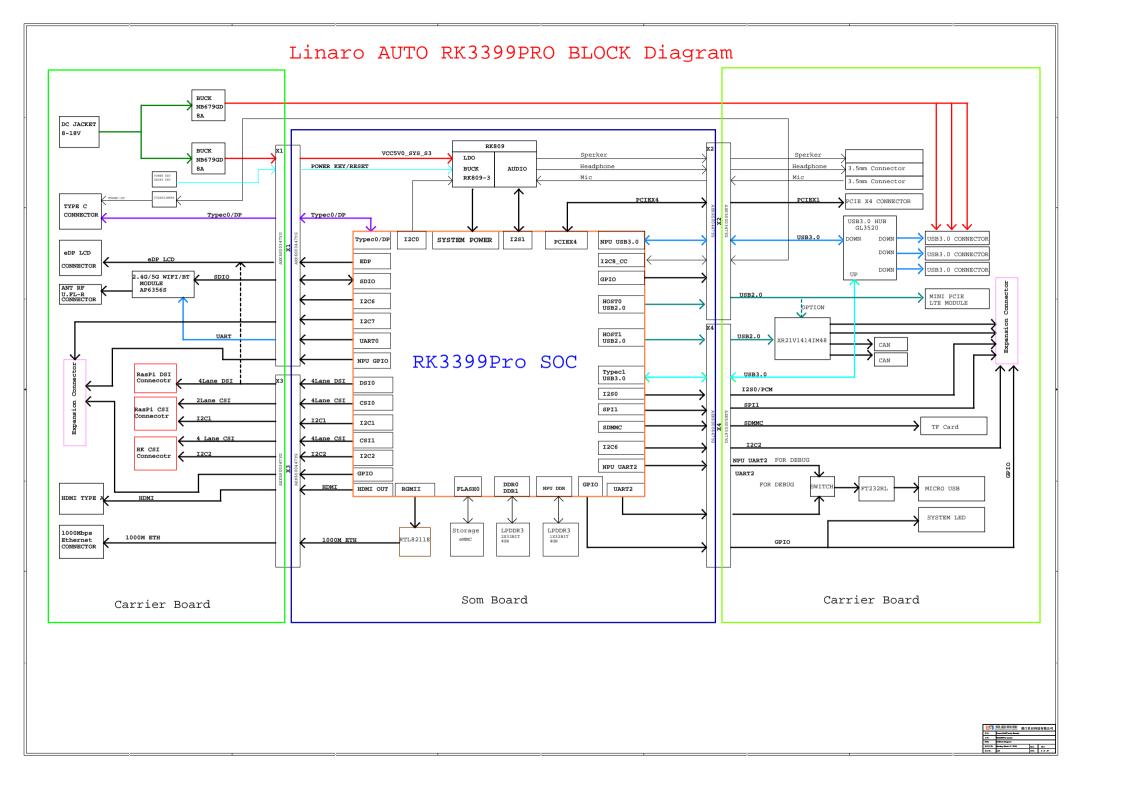


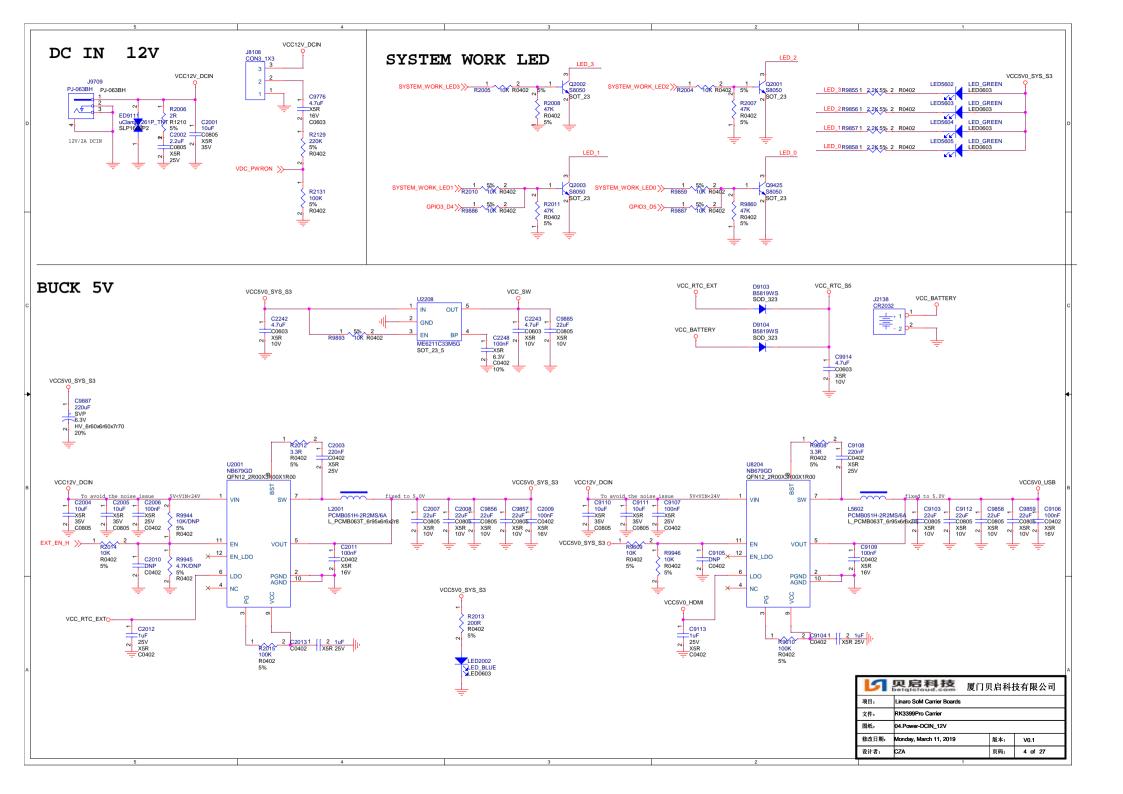


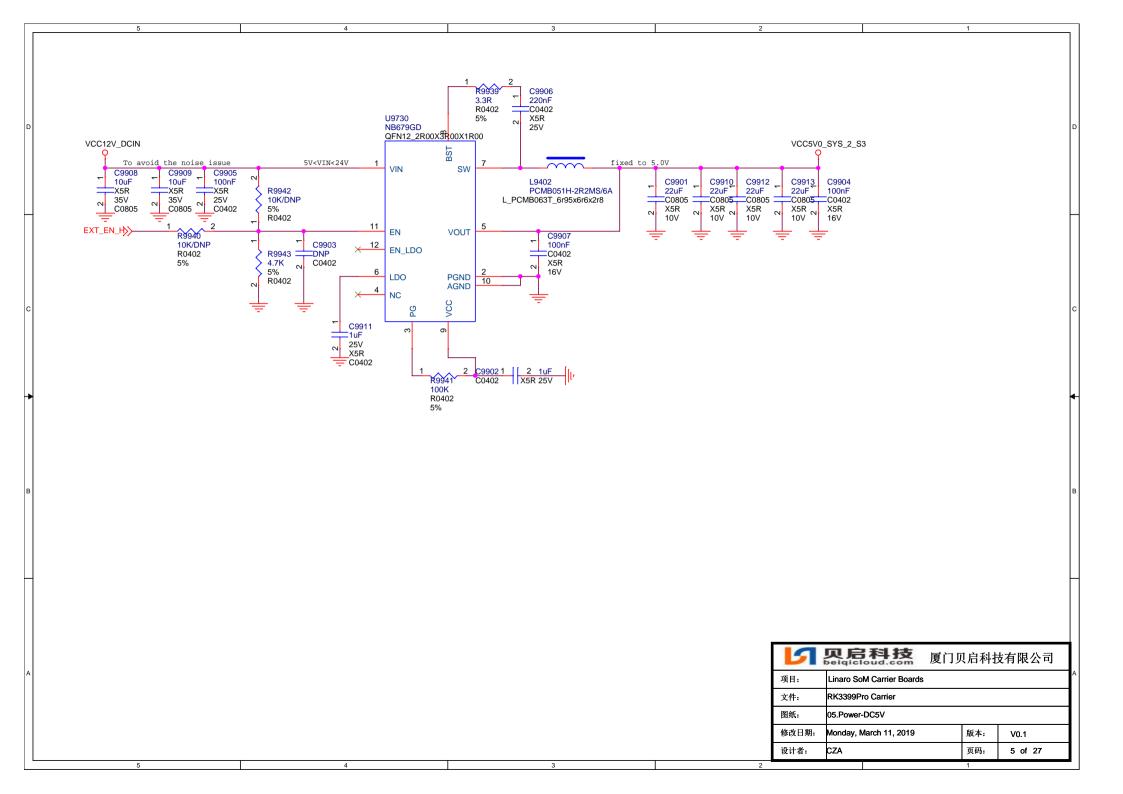
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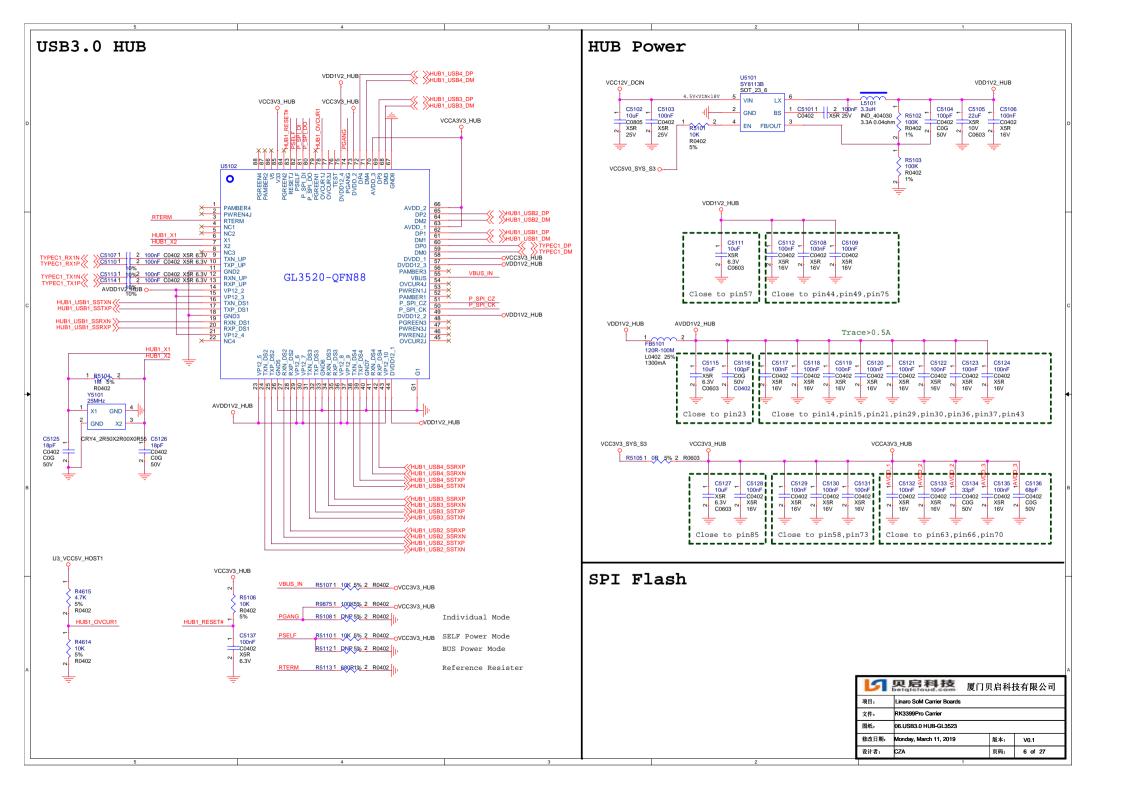
Version	Date	Author	Change List	Approved
0.1	2019.2.2		First edition for RK3399Pro	CZA
				り 贝启科技 厦门

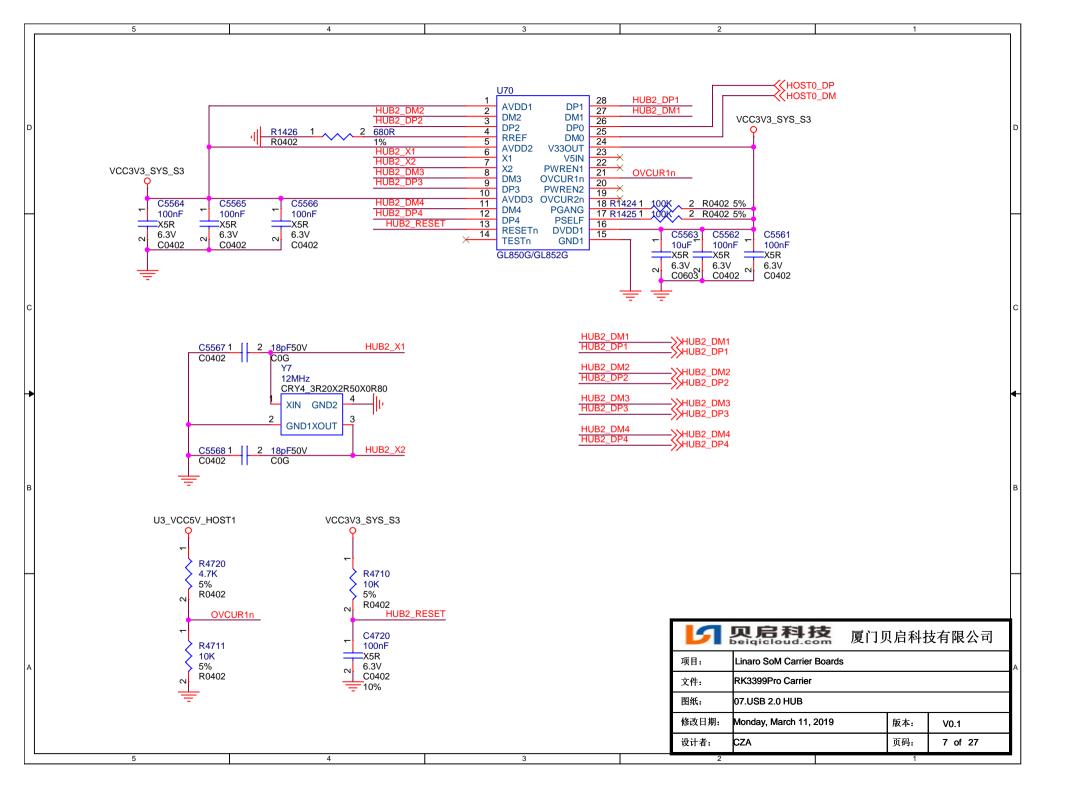
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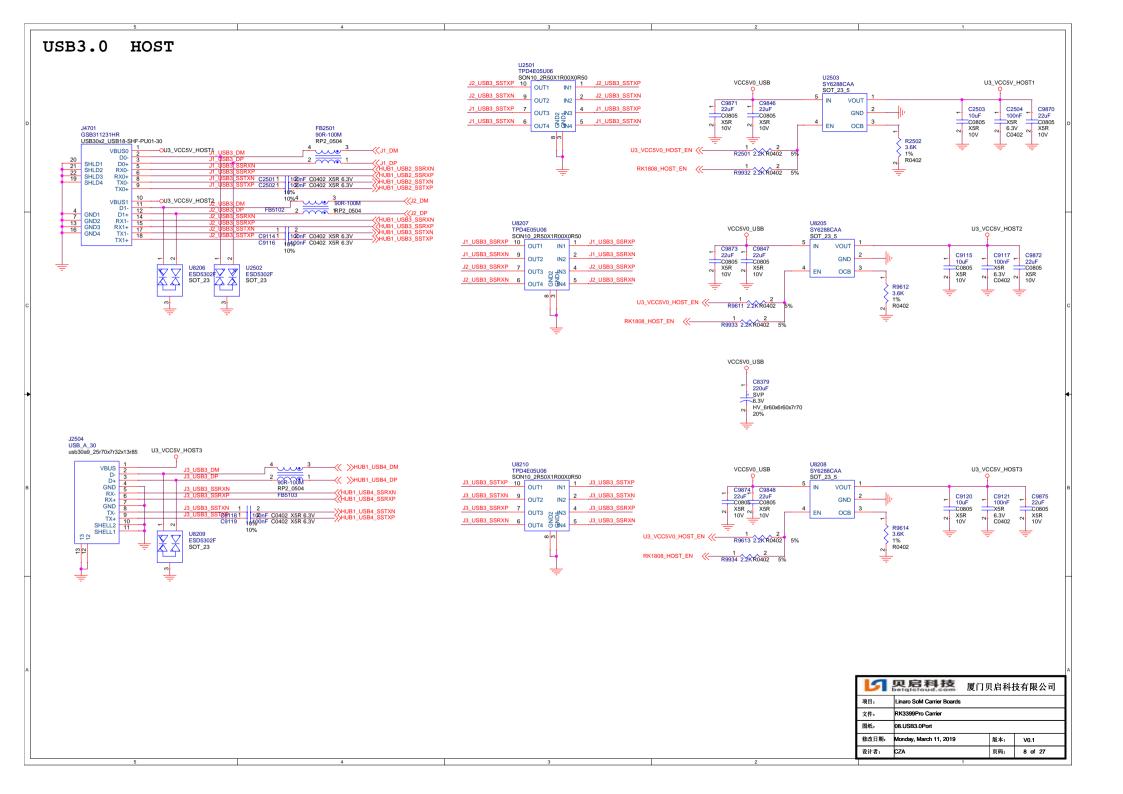




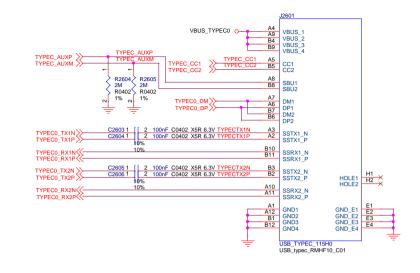


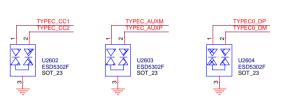






# TYPEC PORT





VCC5V0\_USB

C9884 C22uF 10uF C0805 C0805 X5R X5R X5R 10V N 16V

GPIO1\_A1/GPIO0\_B7 <<-----

1 2 R2610 2.2K R0402 5% U2606 SY6288CAA SOT\_23\_5

IN

EN

VOUT

GND

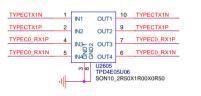
OCB

VBUS\_TYPEC0

C2612 100nF X5R 6.3V C0402

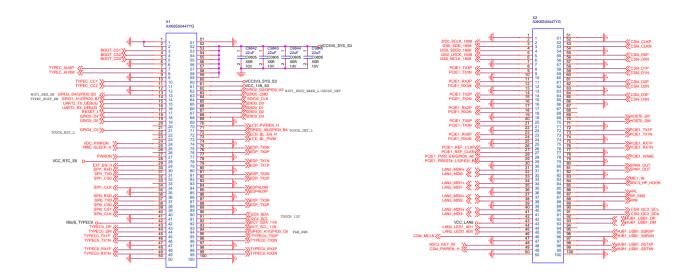
C2611 10uF C0805 X5R 16V

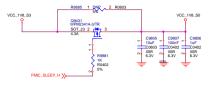
R2611 3.6K 1% R0402

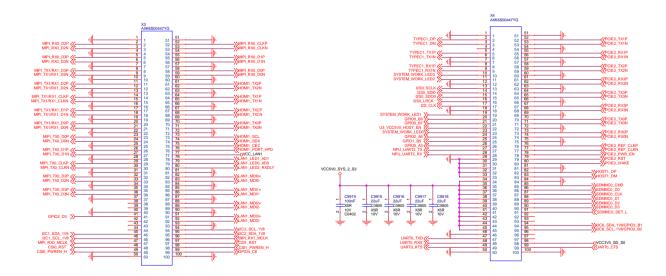


TYPECTX2N	1	IN1 OUT1	10	TYPECTX2N		
TYPECTX2P	2	IN2 OUT2	9	TYPECTX2P		
TYPEC0_RX2P	4	IN3- N OUT3	7	TYPEC0_RX2P		
TYPEC0_RX2N	5	99	6	TYPEC0_RX2N		
	η	ო <mark>დ U2607</mark> TPD4E	40 0 OUT4			

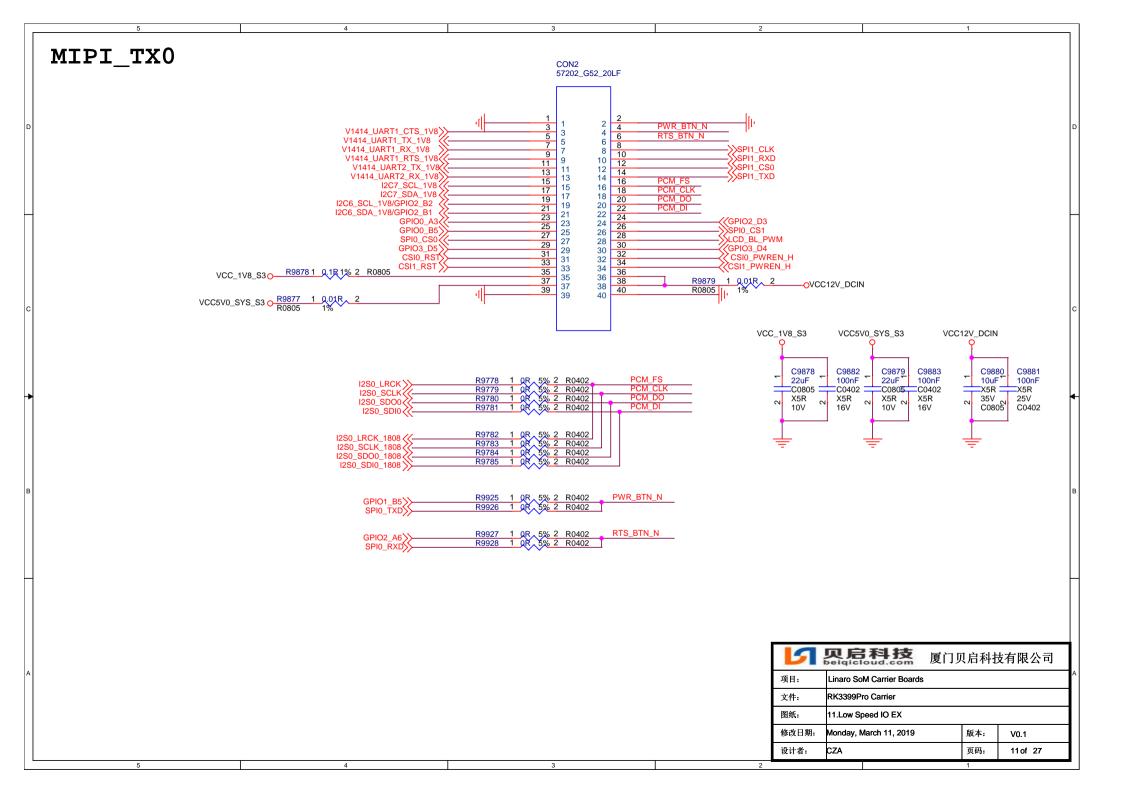
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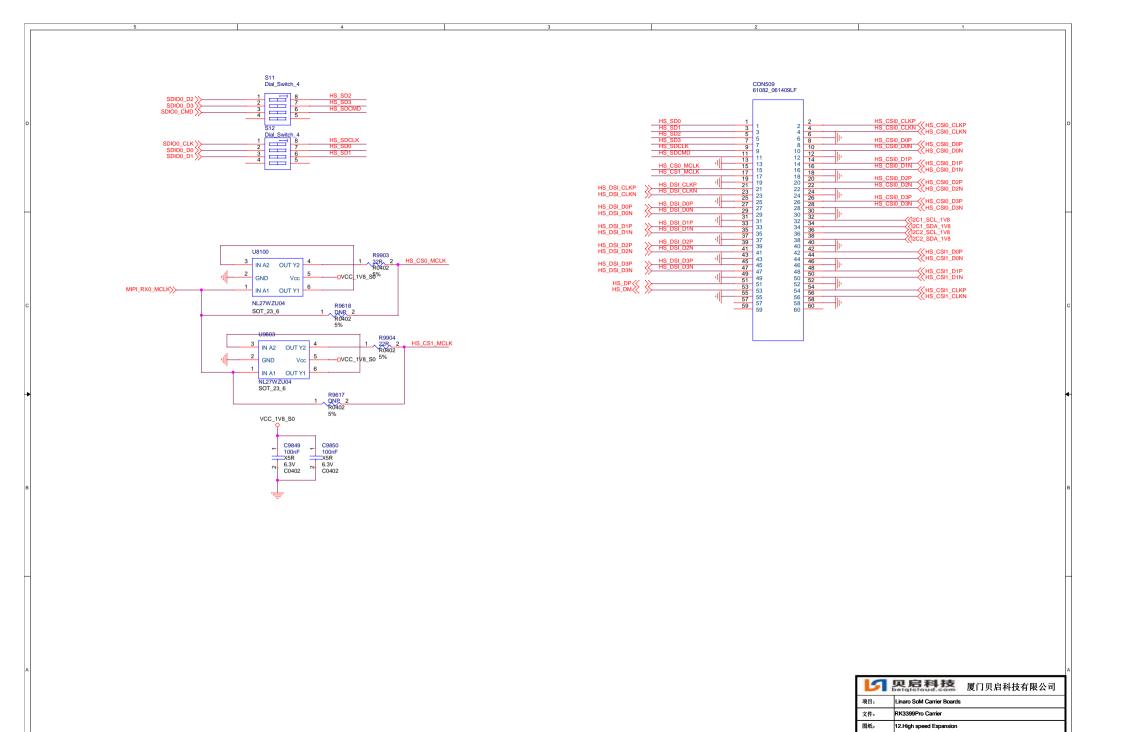






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