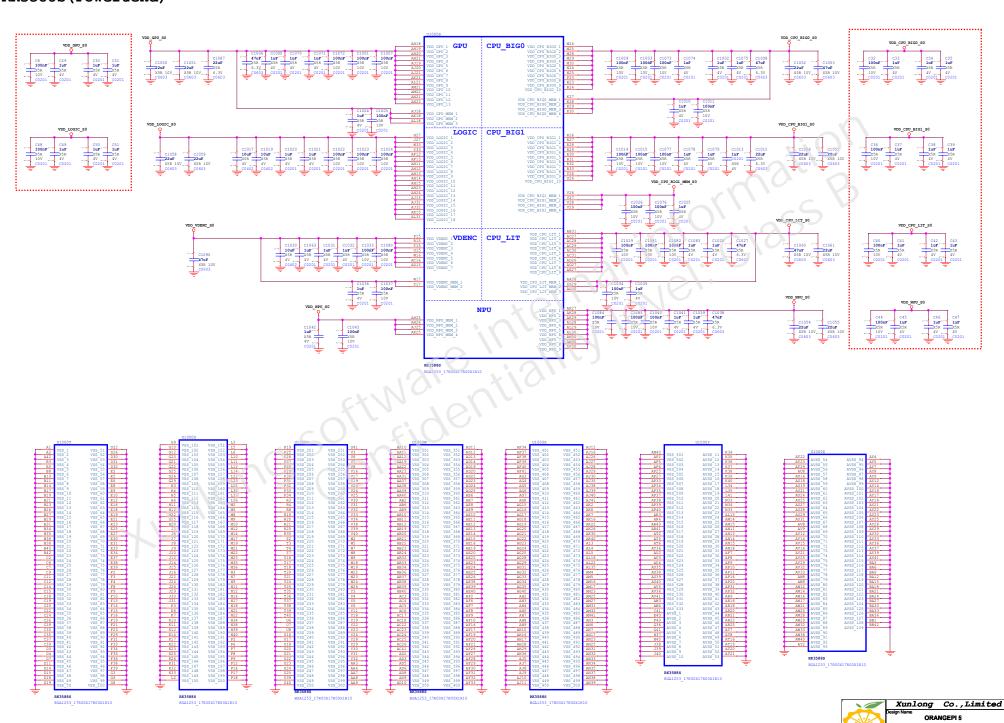
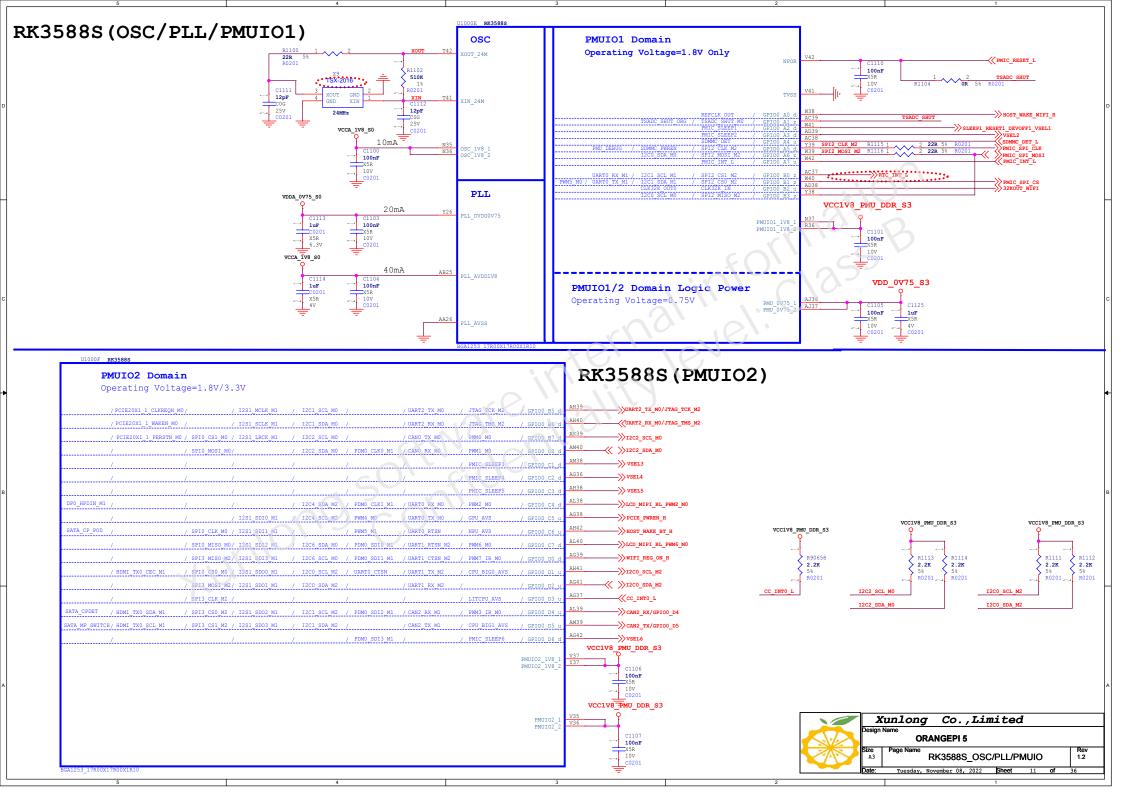
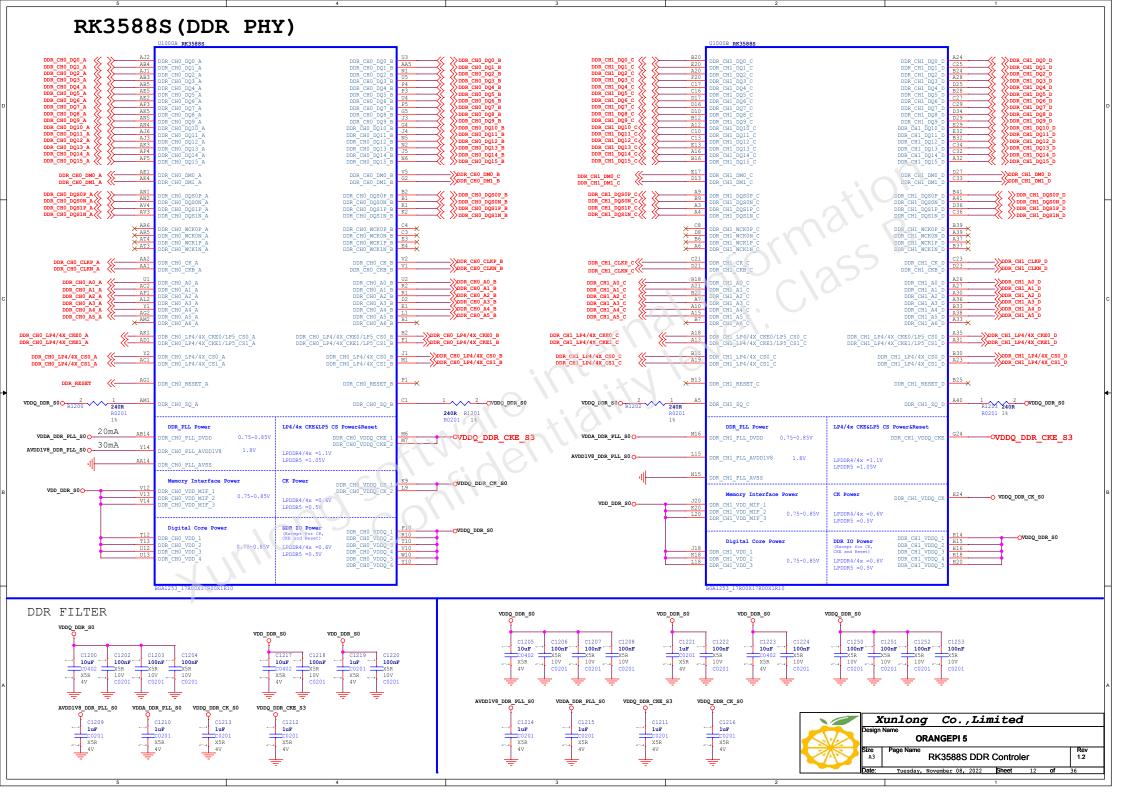
RK3588S (Power&Gnd)



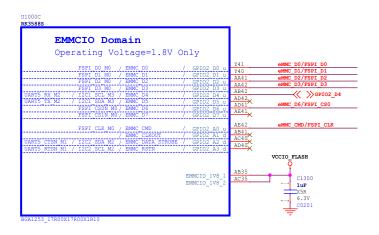
Rev 1.2

RK3588S_Power/GND





RK3588S (EMMCIO Domain)

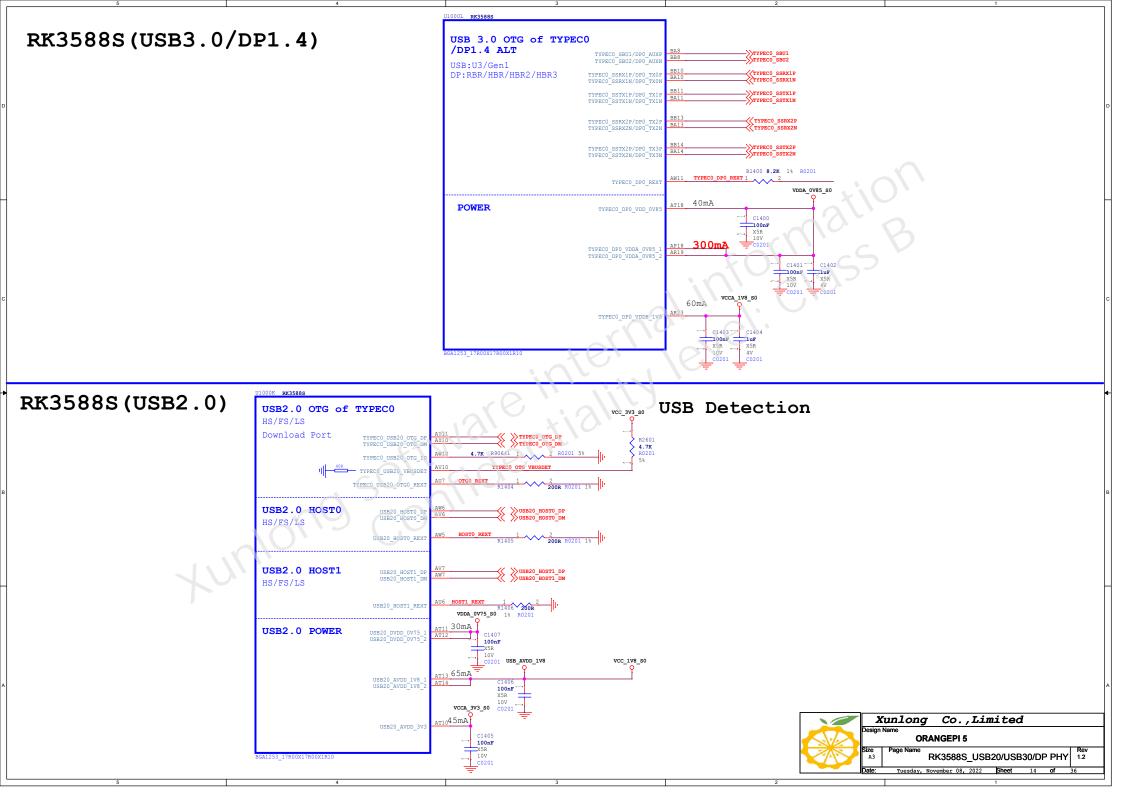


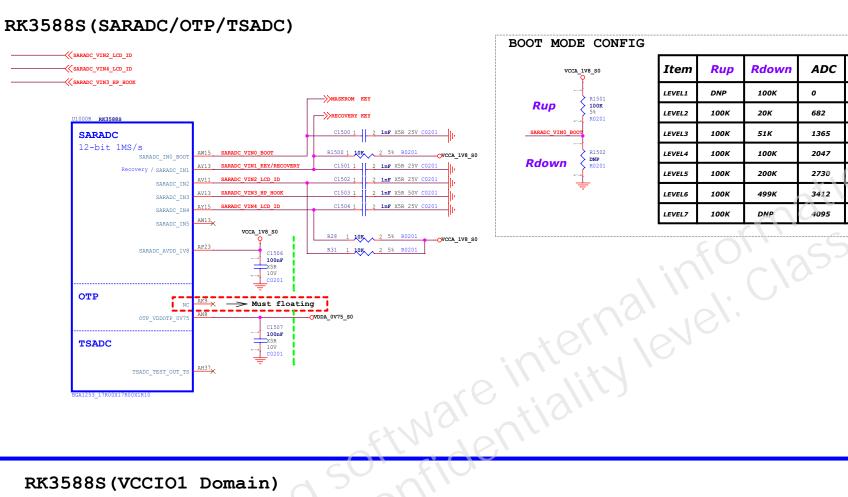
RK3588S (VCCIO2 Domain)

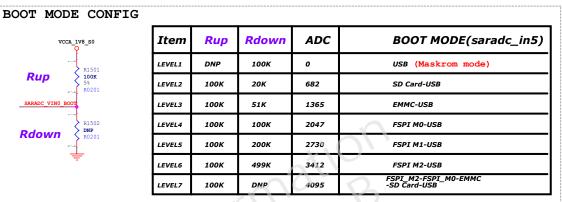




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Design		RANGEPI 5	3				
Size A3	Page Name	RK3588S	Flash	n/SD Cor	ntrolle	r	Rev 1.2
Date:	Tuesday,	November 08,	2022	Sheet	13	of	36

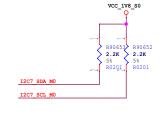




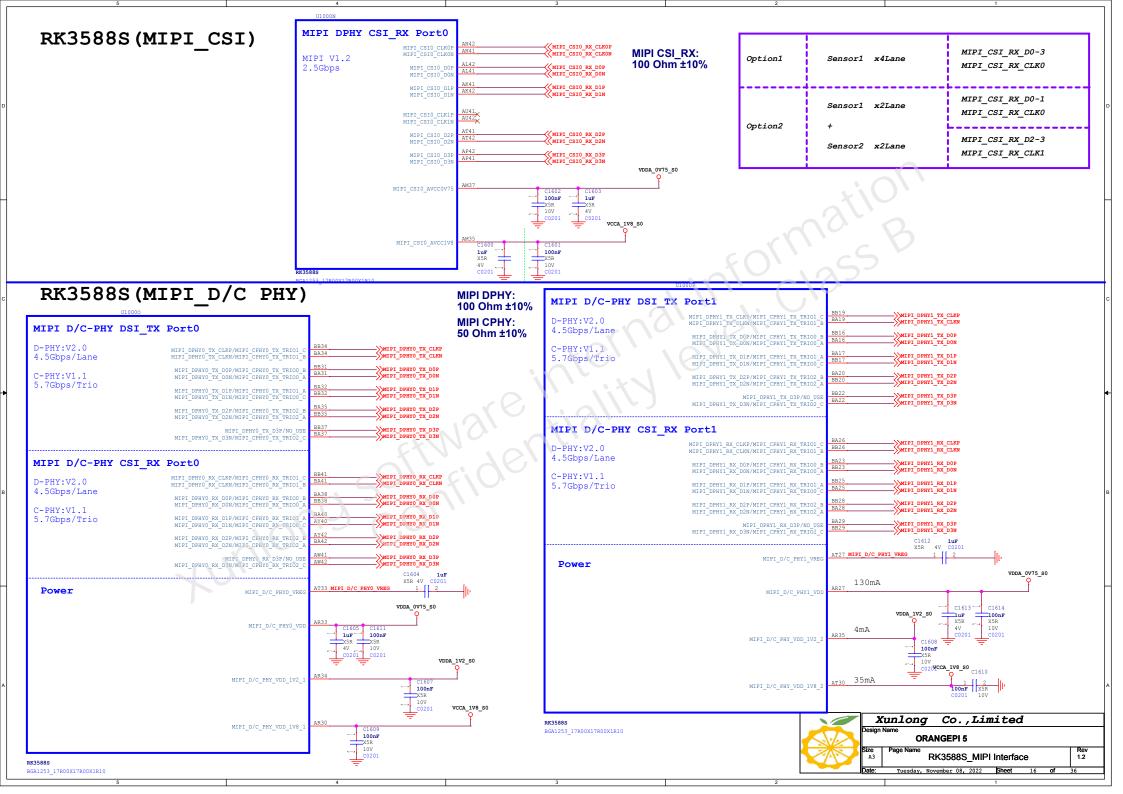


RK3588S (VCCIO1 Domain)

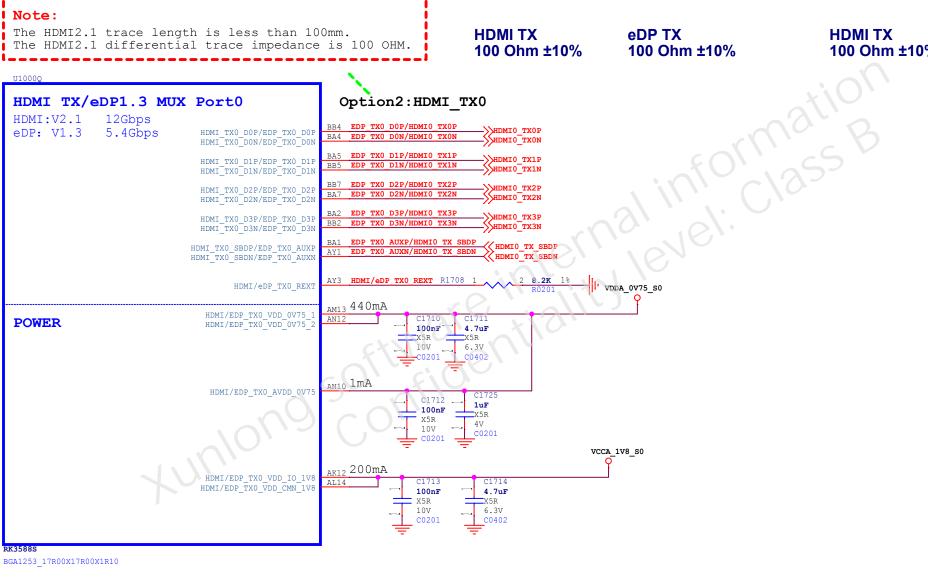




Design Name ORANGEPI 5				Design					
Size Page Name		NGEPI 5	~						
A3 RK3588S_SARADC/1.8V GPIO	Rev 1.2	K3588S_SARADC/1.8V GPIO	Page Name	Size A3					



RK3588S(HDMI2.1 TX/eDP1.3 TX)

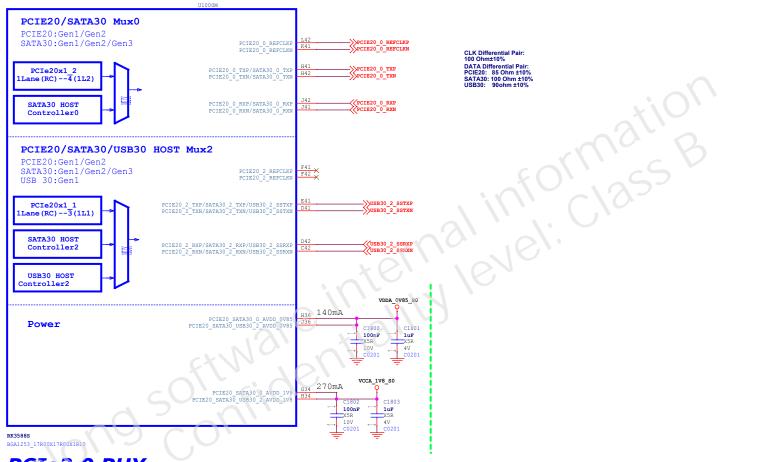


Co., Limited Xunlong Design Name **ORANGEPI 5** Page Name Rev RK3588S HDMI/eDP Interface Tuesday, November 08, 2022 Sheet

HDMI TX

100 Ohm ±10%

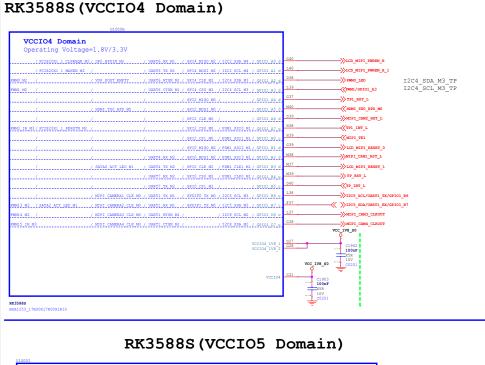
RK3588S (PCIE20/SATA30/USB30)

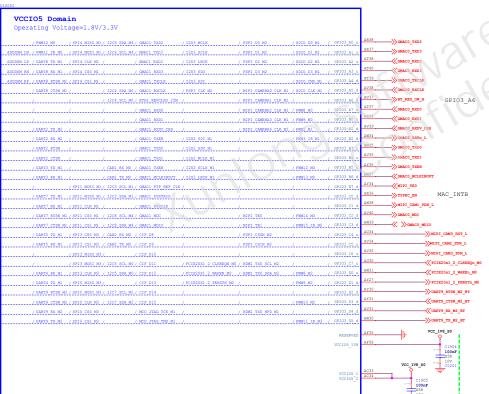


PCIe2.0 PHY

	Controller	Data & Clk	Control GPIO			
	Name	CLK LANE	DATA LANE	Control GP10		
	PCIE20X1_1 RC	PCIE20 2 REFCLKP PCIE20 2 REFCLKN	PCIE20_2_TX PCIE20_2_RX	PCIE20X1 1 CLKREQ M* PCIE20X1 1 WAKEN M* PCIE20X1 1 PERSTN M* PCIE20X1 1 BUTTON RSTN		
	PCIE20X1_2 RC	PCIE20 0 REFCLKP PCIE20 0 REFCLKN	PCIE2O O TX PCIE2O_O_RX	PCIE20X1 2 CLKREQ M* PCIE20XI 2 MAKEN M* PCIE20XI 2 PERSTN M* PCIE20XI 2 BUTTON RSTN		

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Design		RANGEP	5				
Size A3	Page Name	RK3588	S PCIE	2/SATA	.3/US	B3 Pł	Rev 1.2
Date:	Tuesday,	November 0	8, 2022	Sheet	18	of	36

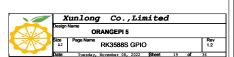


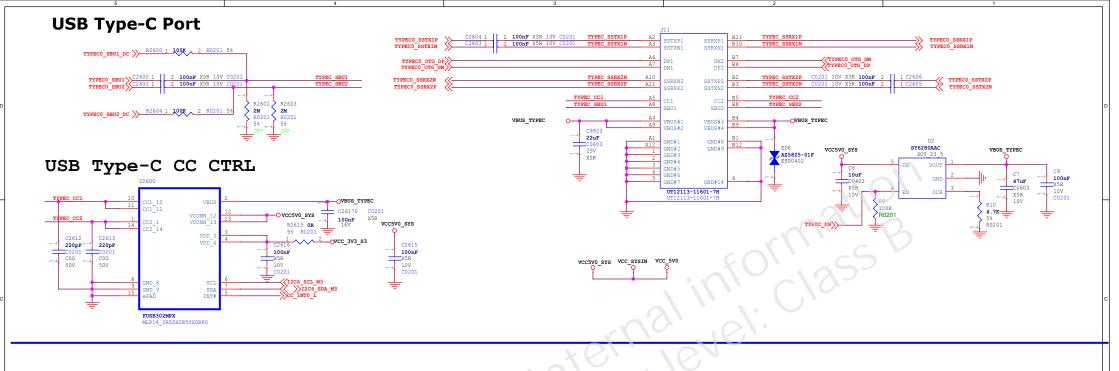


RK3588S (VCCIO6 Domain)



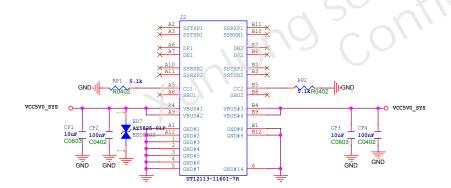




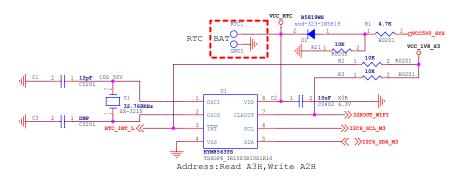


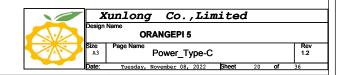
DCIN-5V/4A

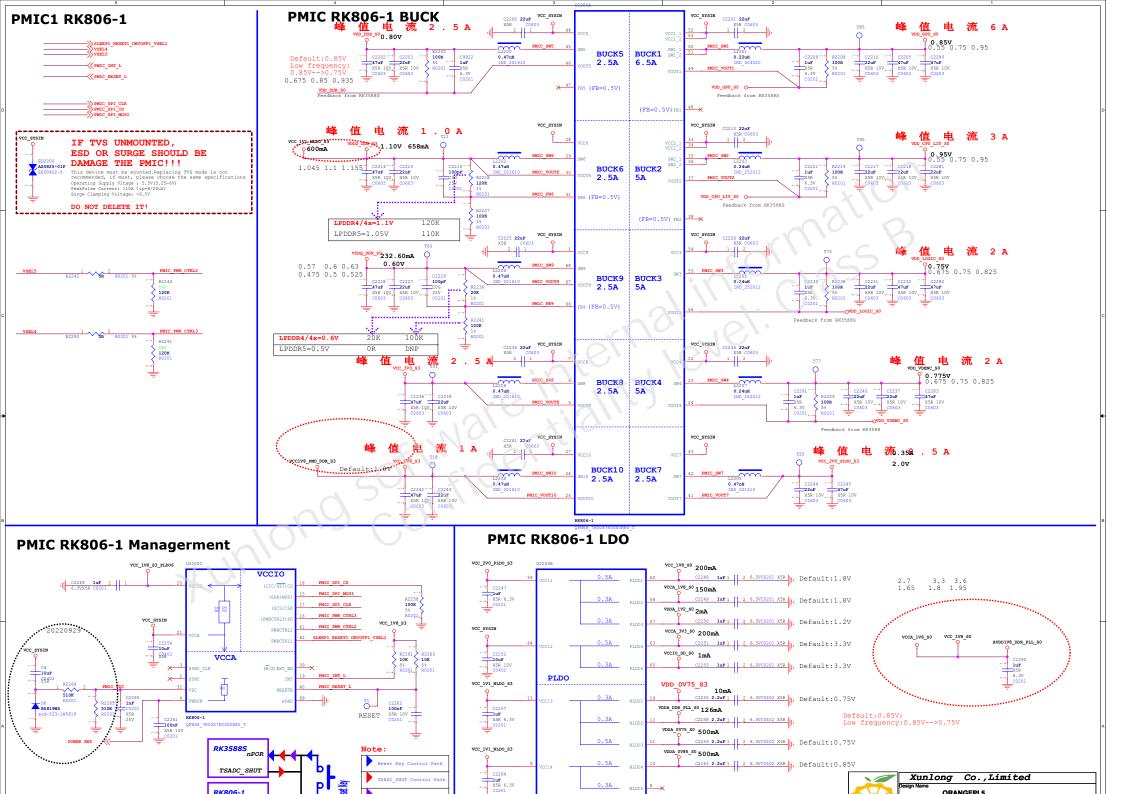
TPYE-C POWER IN

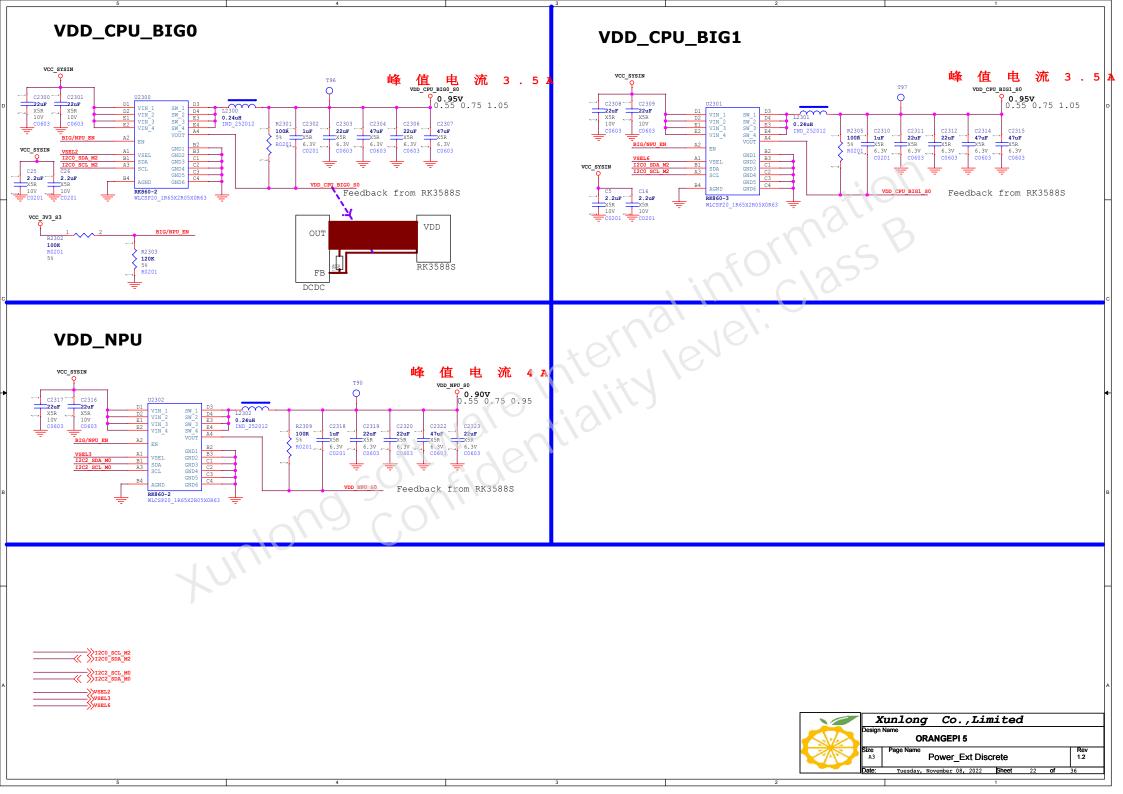


RTC IC

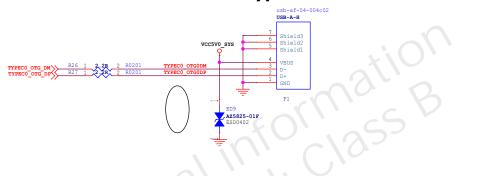




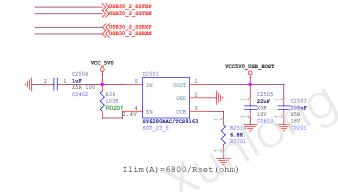




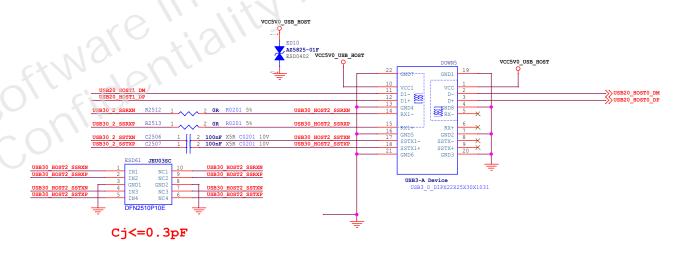
USB2.0 Type-A Port

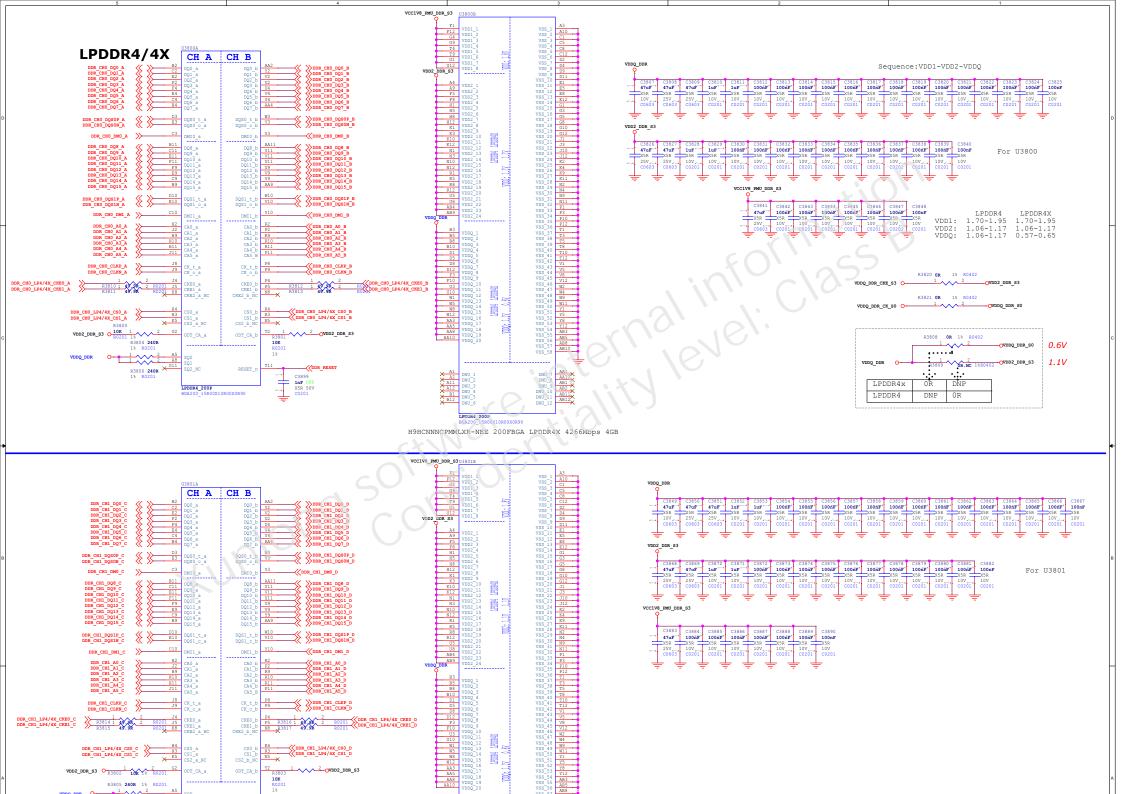


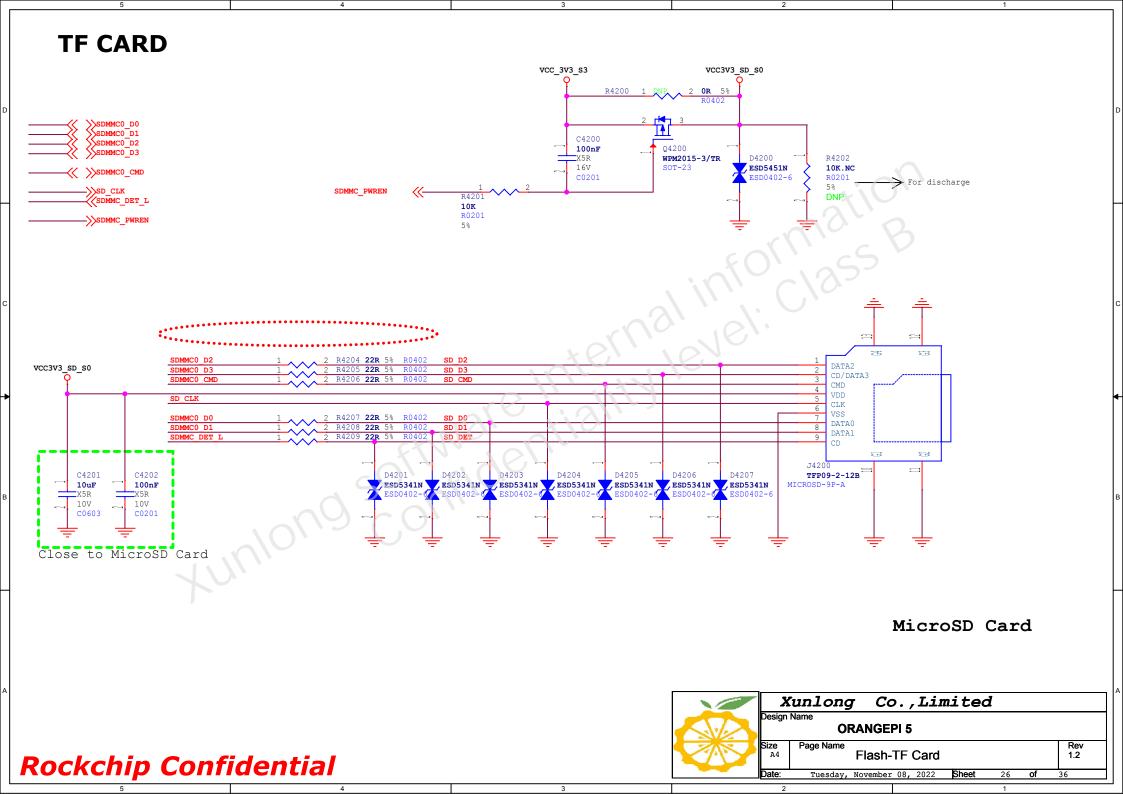


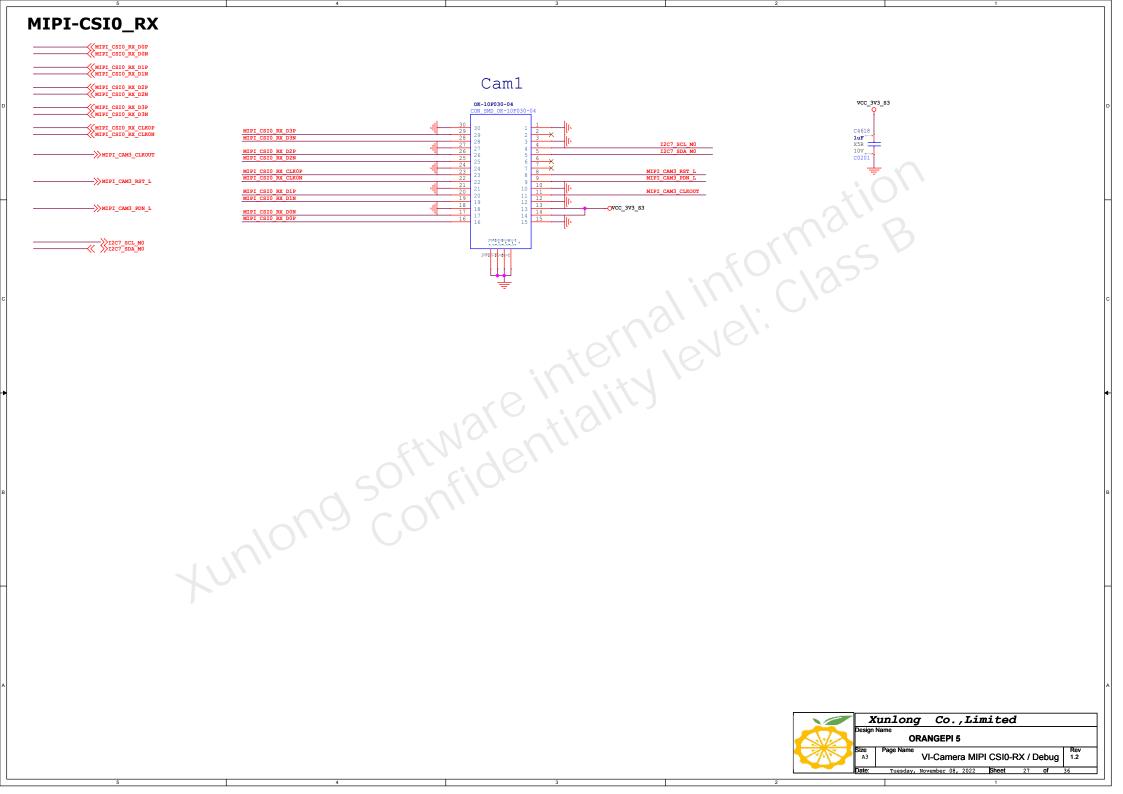


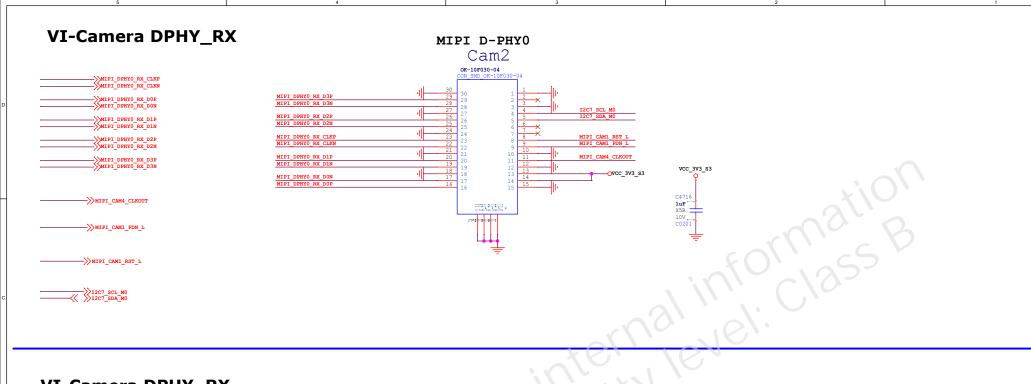
SUSB20_HOST1_DP

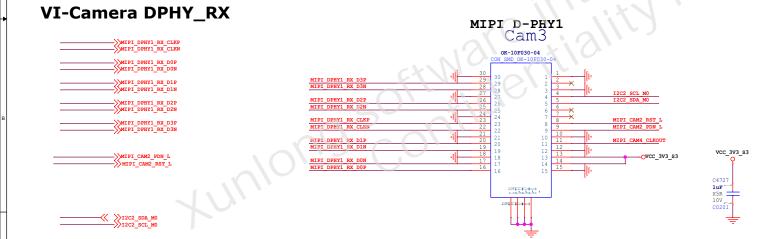


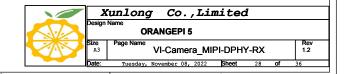


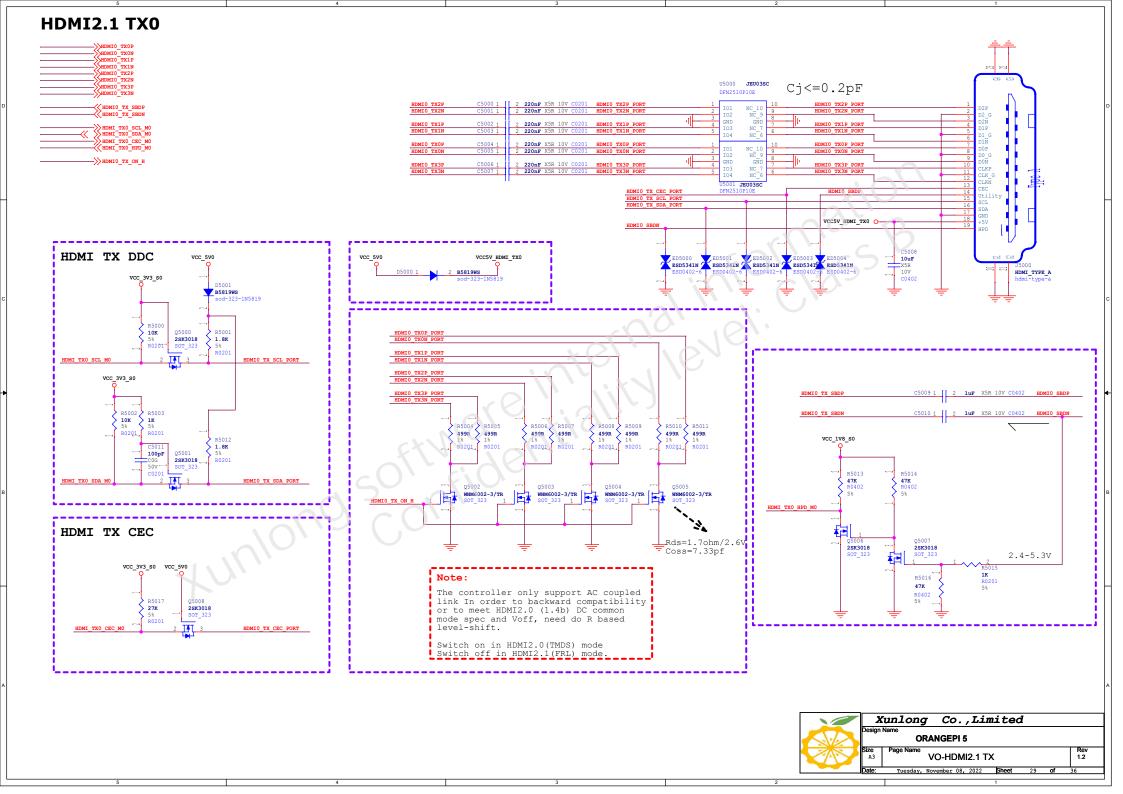


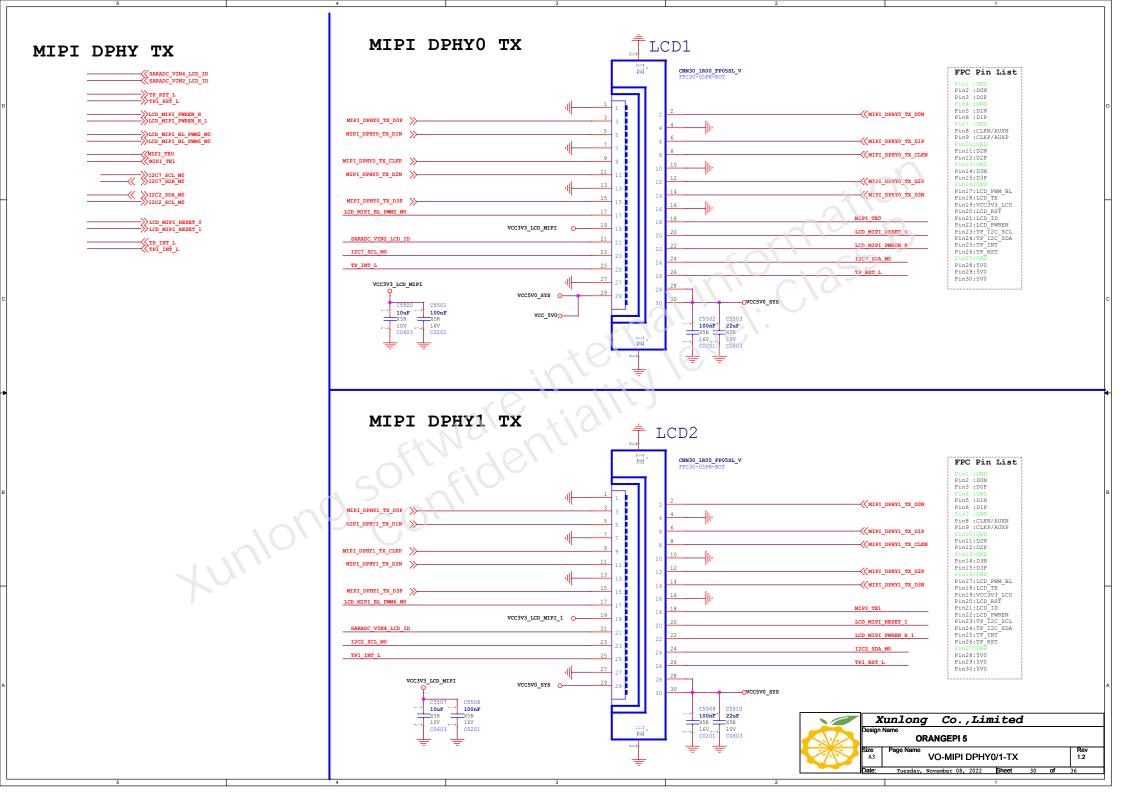


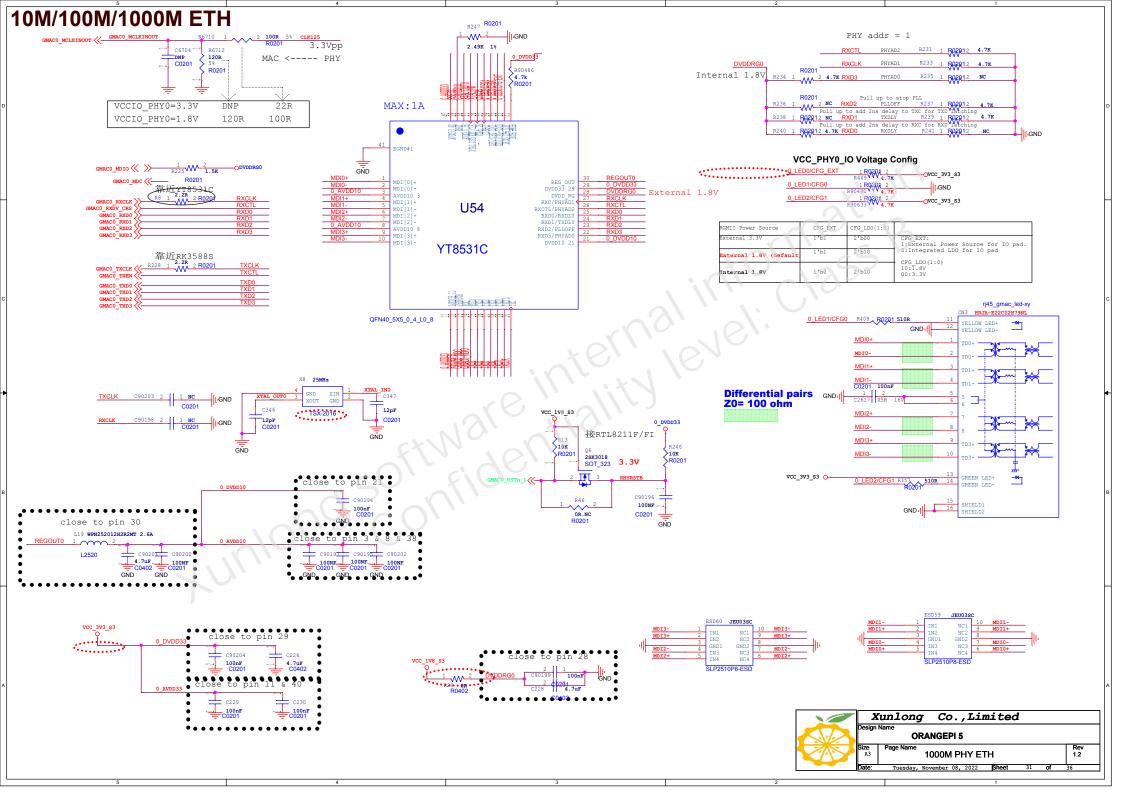


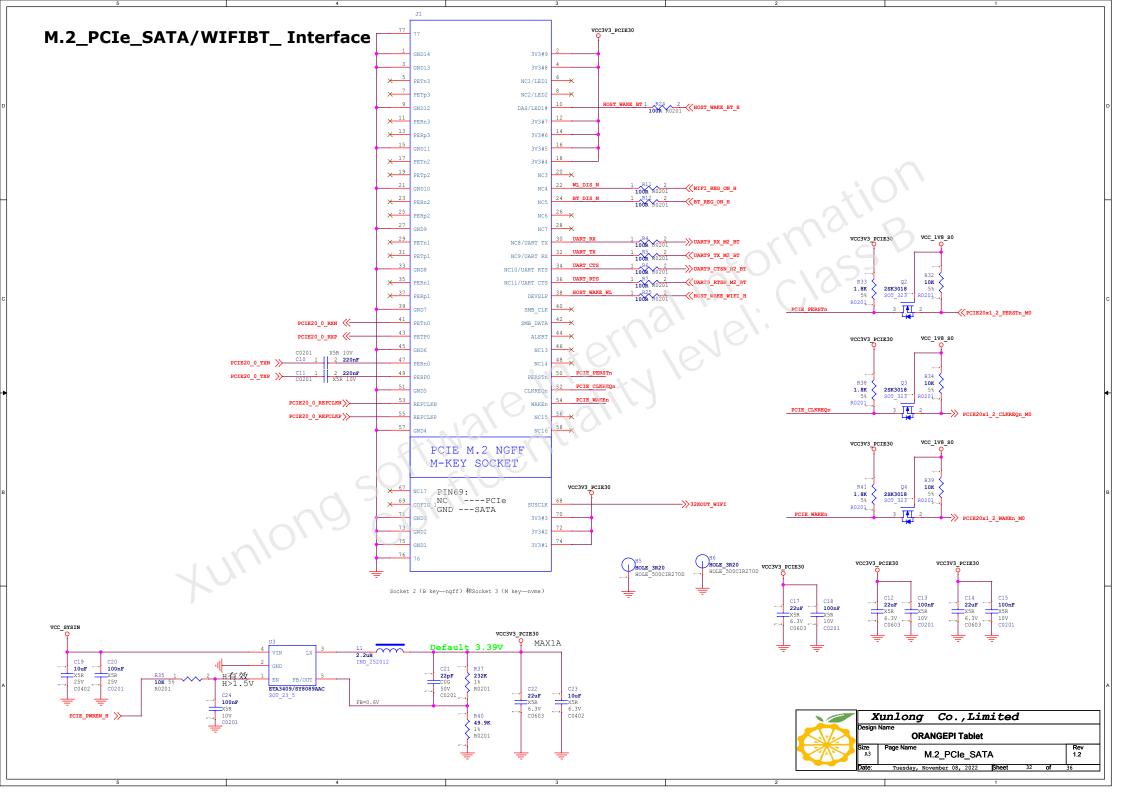


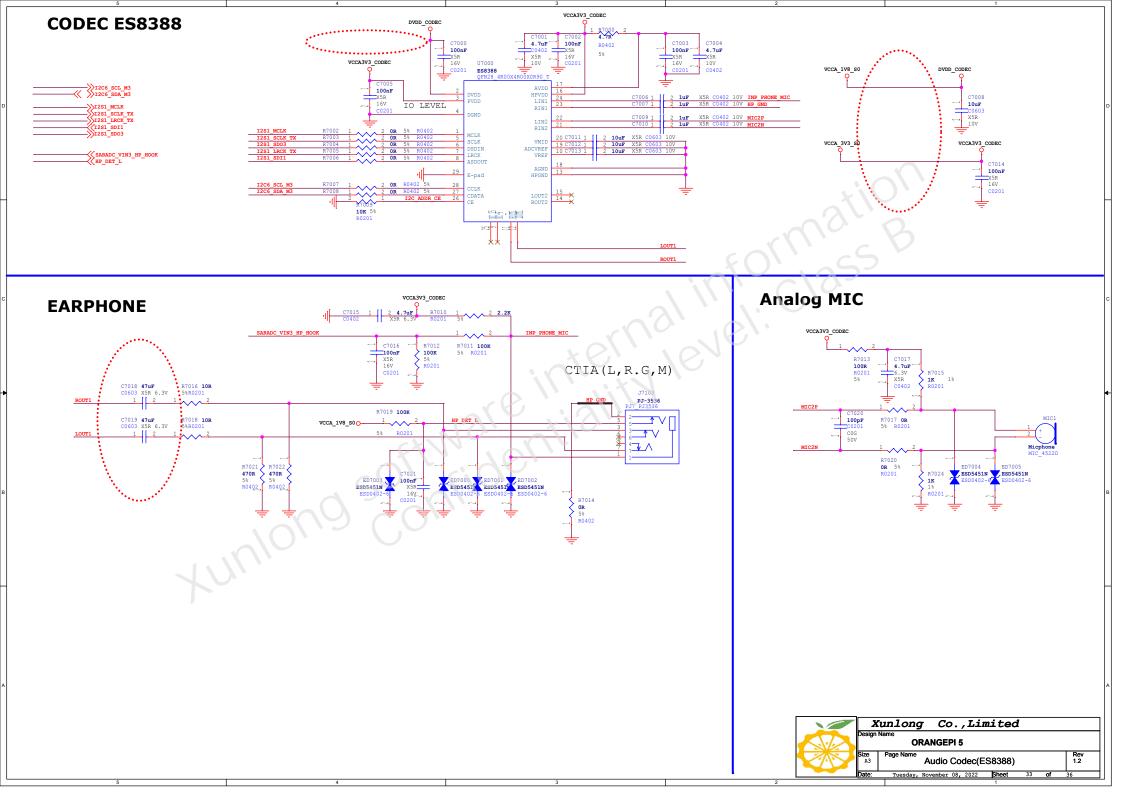


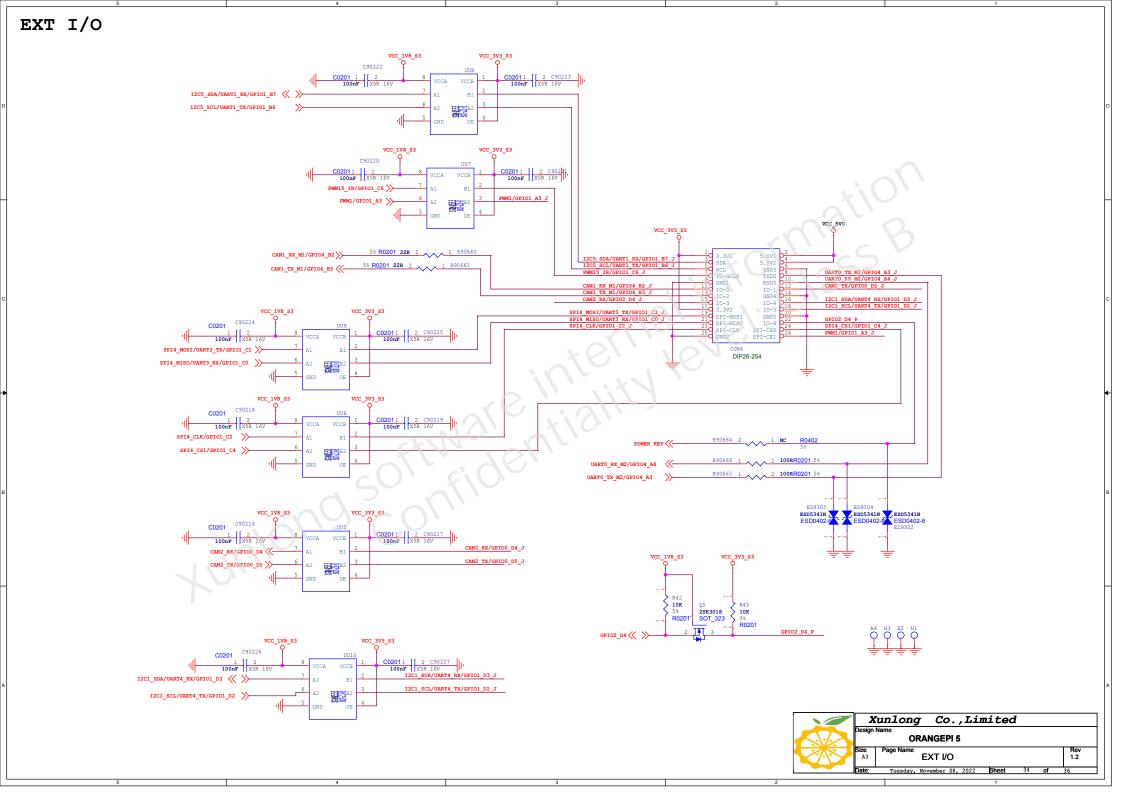


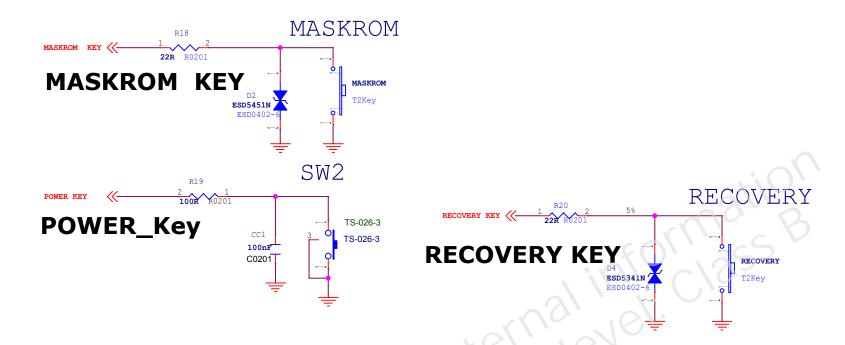


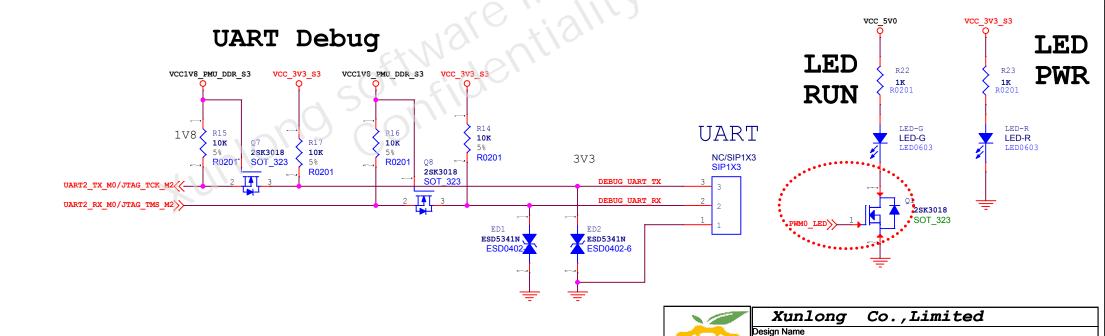












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Tuesday, November 08, 2022

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