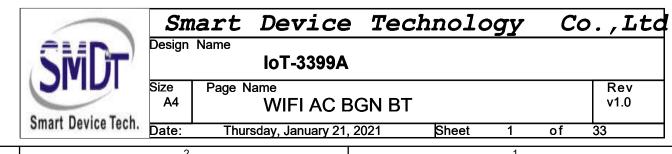
Version	Date	Author	Change Note	Approved
V1.0	20160325	hxs	First edictor	
V1.0	20160420	hxs	1、修改 ce供 电 用 SYR838 RC 2、删除 VDD CPUB、 VDD CEU连接地采集电回路 3、R4012修改成底 4、修改 R40 10放弃 控页注意 PCB布局靠制器 5、修改 VREF_DR1、 VREF_DRO从 VCC DE取电	



5 4 3

5 4 3

RK3399 I2C MAP

	3399E 12C MAP								
<u> </u>									
Port	Pin name	Pull-up voltage	Bus name		ADDRESS				
12C0	GPI01_B7/SPI3_RXD/I2C0_SDA GPI01_C0/SPI3_TXD/I2C0_SCL	VCC3VO_PMU VCC3VO_PMU	I2C_SDA_PMIC I2C_SCL_PMIC	Rockchip RK808D RK837 RK838 AT8563 _ RTC					
I2C1	GPIO4_A1/I2C1_SDA	VCC1V8_CODEC	I2C_SCL_AUDIO	ALC5651					
	GPIO4_A2/I2C1_SCL	VCC1V8_CODEC	I2C_SDA_AUDIO	MIPI CAM					
12C2	GPIO2_AO/VOP_DO/CIF_DO/I2C2_SDA GPIO2_A1/VOP_D1/CIF_D1/I2C2_SCL								
12C3	GPIO4_CO/I2C3_SDA/UART2B_RX	VCC3VO_IO	I2C_SDA_HDMI	HDMI ID					
	GPIO4_C1/I2C3_SCL/UART2B_TX	VCC3VO_IO	12C_SCL_HDMI	HDMI ID					
		VCC3VO_IO		TC358775					
}	GPIO1_B3/I2C4_SDA	VCC3VO_IO		MCU					
I2C4	GPIO1_B4/I2C4_SCL	VCC3VO_IO		AT24C16					
		VCC3VO_IO		AT88SC					
i		VCC3V0_IO		FUSB302MPX					
1205									
I2C6	GPIO2_B1/SPI2_RXD/CIF_HREF/I2C6_SDA	VCC3VO_IO							
	GPIO2_B2/SPI2_TXD/CIF_CLKIN/I2C6_SCL	VCC3VO_IO							
I2C7	GPIO2_A7/VOP_D7/CIF_D7/I2C7_SDA	VCC3VO_IO	I2C_SDA_TP	TP					
	GPIO2 BO/YOP CLK/CIF YSYNC/I2C7 SCL	VCC3VO IO	I2C SCL TP	TC358749XBG HDMI IN	 				

SMD	Sm	art Device Ted	chnology	7 (Co.,Ltd
	Design	Name IoT-3399A			
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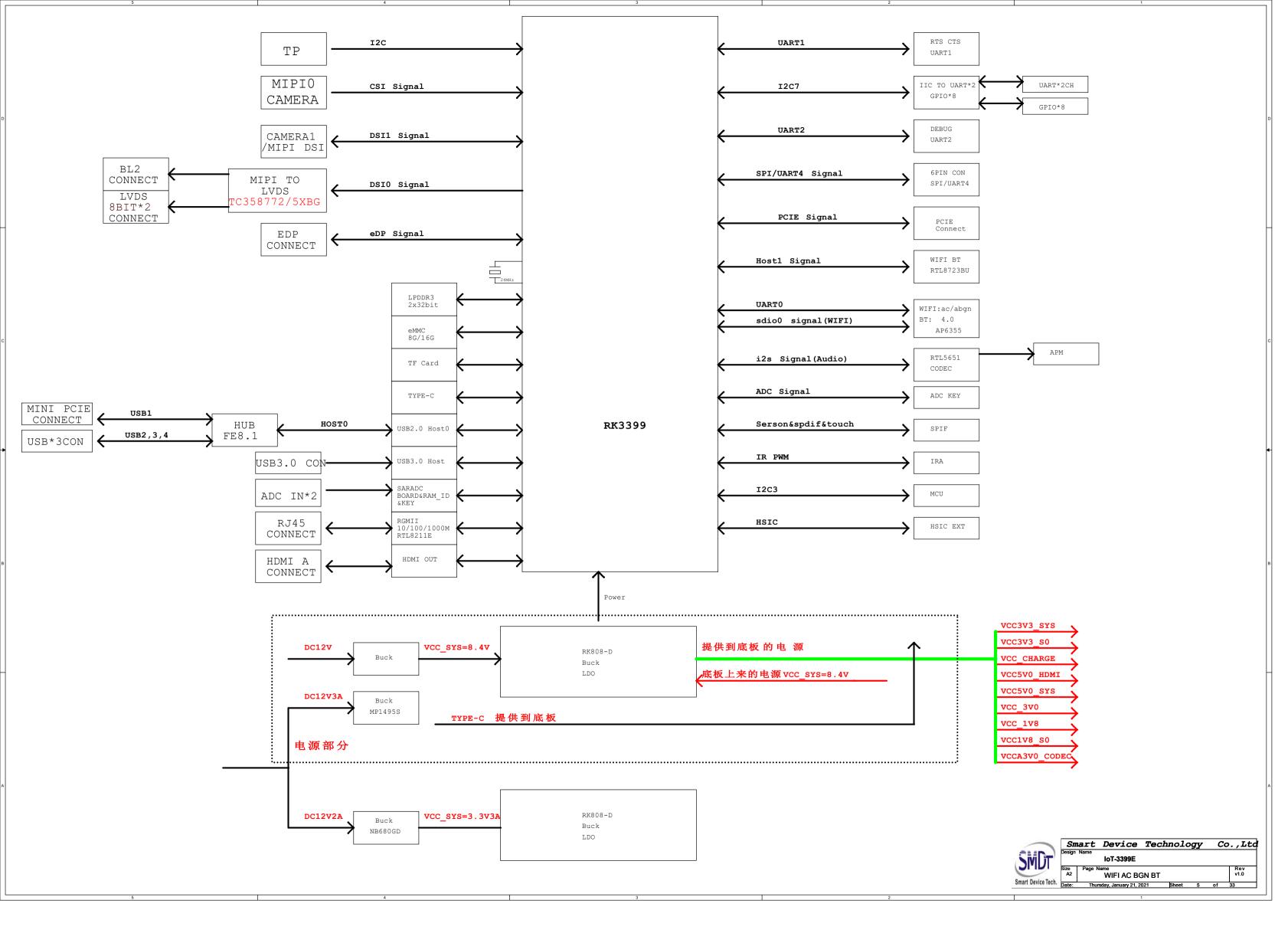
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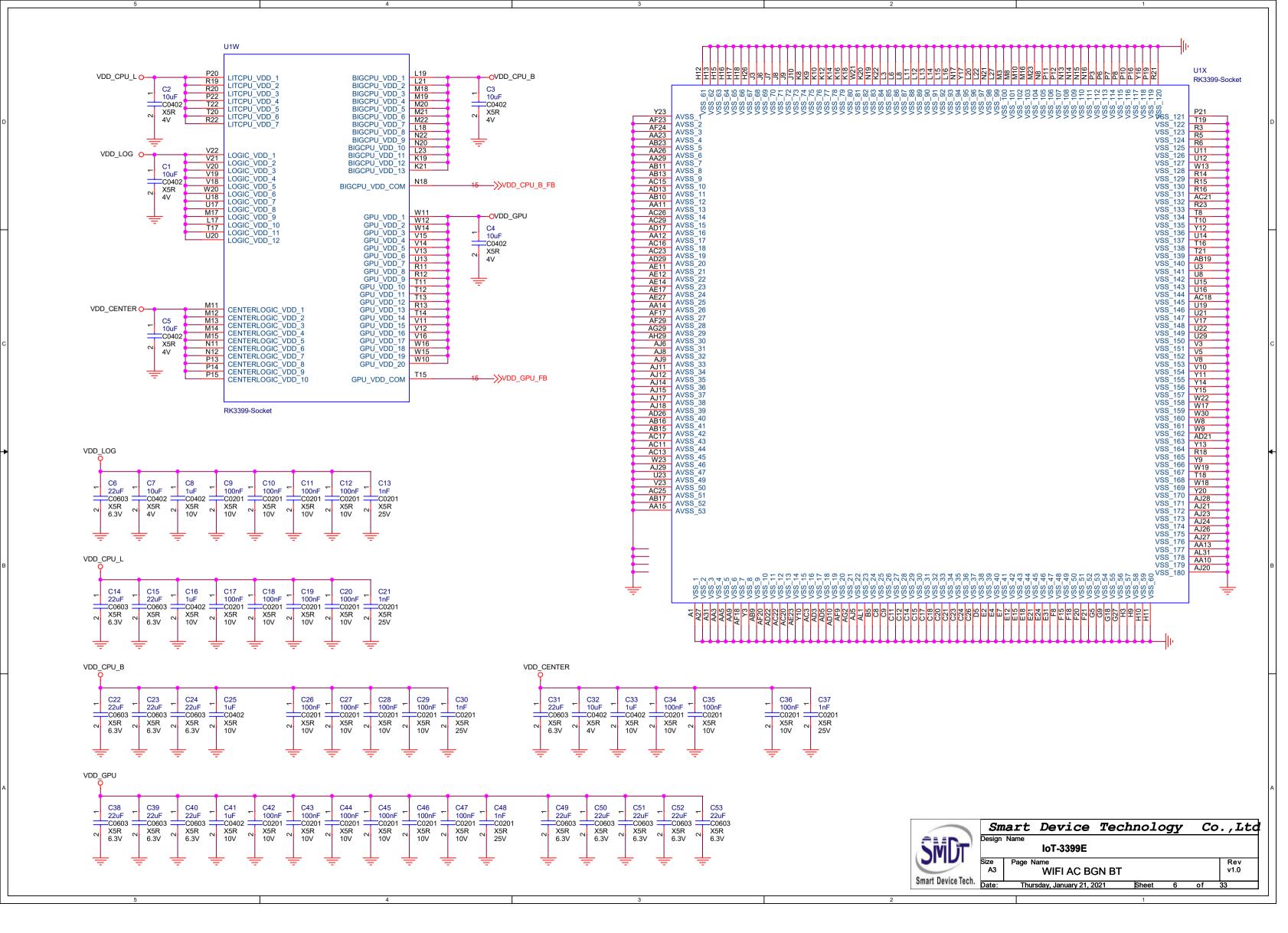
3.3V GPIO LEVEL 3.3V GPIO LEVEL FUNCTION GPIO NAME NAME GPIO NAME FUNCTION NAME GPIO2 B4/DVP PDN0 H HDMIIN PWREN CABC EN REST_LVDS_IC GPIO4_D5 LVDS HDMIIN INT GPIO1 B1 EFUSE VQPS EN H LVDS PANEL EN GPIO4 D3 SPI1 CLK MIPI GPIO2 A1/CIF D1 GPIO1 B5 HDMIIN STBY LCD EN H LCD EN H CSI0 CPU_IR HDMIIN_IR LCD_BL_PWM LCD_BL_PWM PWM0 SPI1 CSn0 HDMIIN RST GPIO1 B2 MIPI DSIO MIPI_DSI0 I2C_SDA_HDMI I2C_HDMI_IN LVDS_DET GPIO2_D3 I2C3 RESX MIPI CSIO MIPI CSI 1.8V GPIO LEVEL GPIO NAME FUNCTION NAME GPIO NAME FUNCTION NAME GPIO1_D4 DVP_PDN1_H MIPI PWDN CABC EN REST_LVDS_IC GPIO4 D5 EDP MIPI GPIO2 B1/CIF HREF MIPI RST LCD RST H EDP PANEL EN GPIO4 D3 CAM GPIO2 B3/CIF CLKO MIPI MCLK T2 GPIO1 B5 LCD EN H LCD EN H I2C SCL AUDIO I2C CAM I2C1 LCD BL PWM LCD BL PWM PWM0 MIPI CSI1 MIPI CSI1 CAM MIPI CSI1/DSI1 MIPI DSI0 MIPI DSI0 GPIO0 B0 DVP PWR H EDP DET 3.3V GPIO LEVEL GPIO NAME FUNCTION NAME 3.3V GPIO LEVEL I2C SDA HDMI TP I2C I2C3 ΤP GPIO NAME FUNCTION NAME TOUCH INT L GPIO1 C4 TP INT GPIO2 B0/CIF VSYNC I2C TO GPIO2 A7/CIF D7 I2C TO UART I2C7 TOUCH_RST_L TP_RESET GPIO4_C6 UART GPIO2 A6/CIF D6 RST GPIO2 A6 3.3V GPIO LEVEL GPIO2 A5/CIF D5 INT GPIO2 A5 GPIO NAME FUNCTION NAME 3.3V GPIO LEVEL MCU CPU I2C I2C MEMS I2C4 MCU GPIO NAME FUNCTION NAME CHG_OK_H WORK DET GPIO1_A1 RTC I2C MCU RTC I2C CHG OK H POWER LED GPIO1 A1 LED WORK LED GPIO1_C2 PMU_PWRON POWER_KEY PMU_PWRON Monter GPIO1 A0 COMP INT L OFF-INT# RTC INT MCU INT

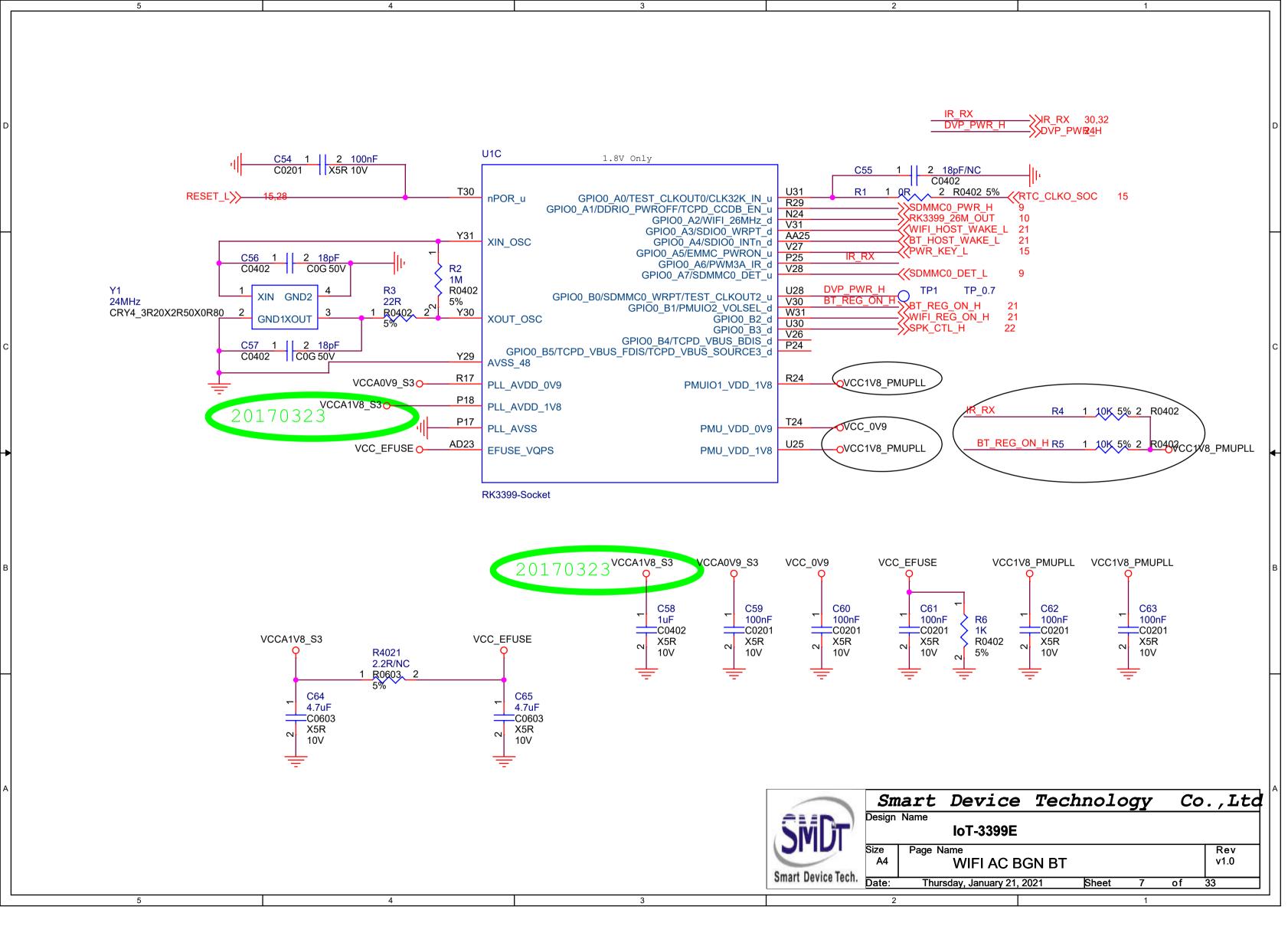
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SMDT	Design	Name	IoT-3399A						
Smart Daviso Took	Size A4	Page N	wiFI AC B	GN BT				Rev v1.0	
Smart Device Tech.	Date:	Thur	sday, January 21,	2021	Sheet	3	of	33	

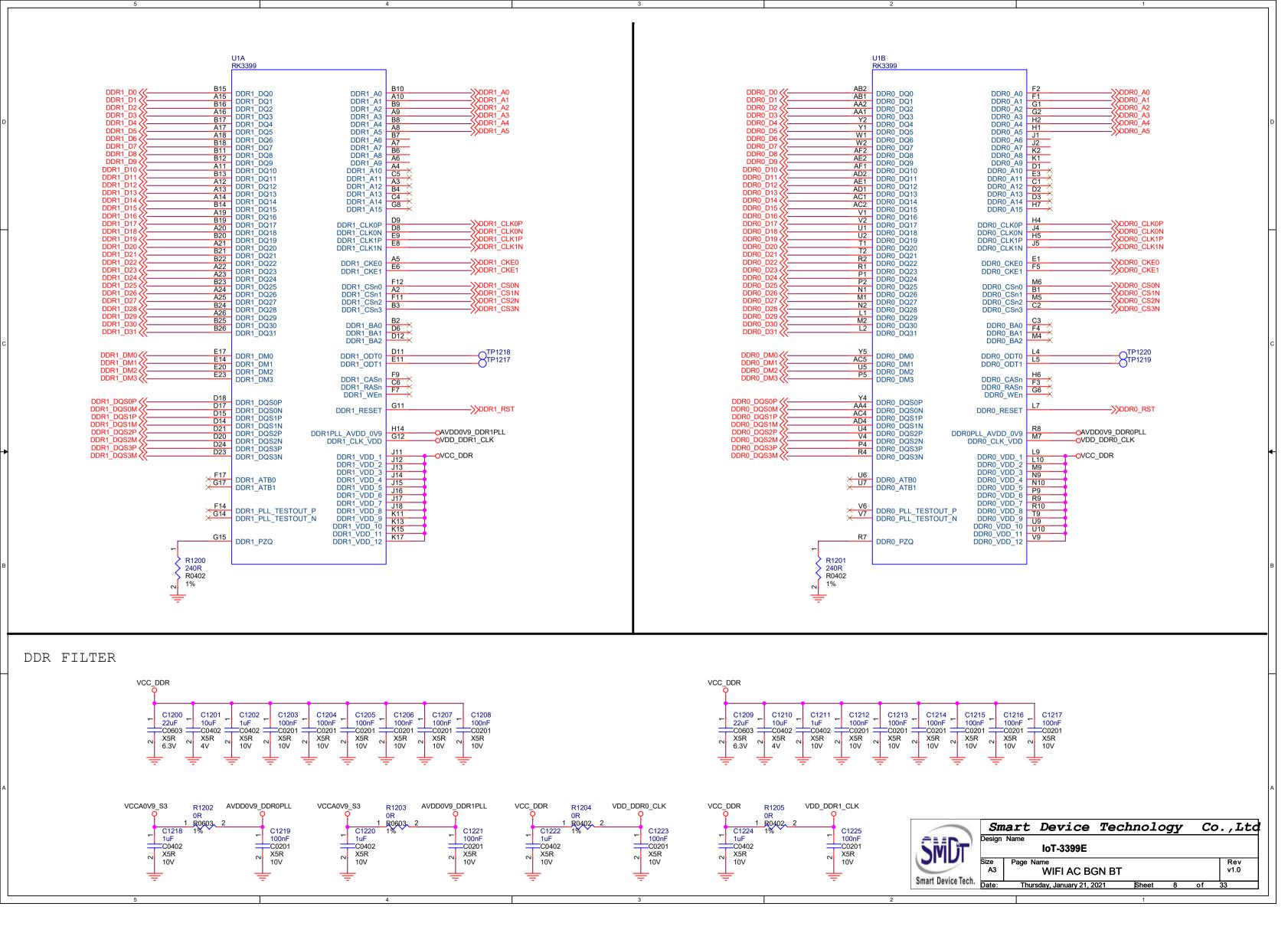
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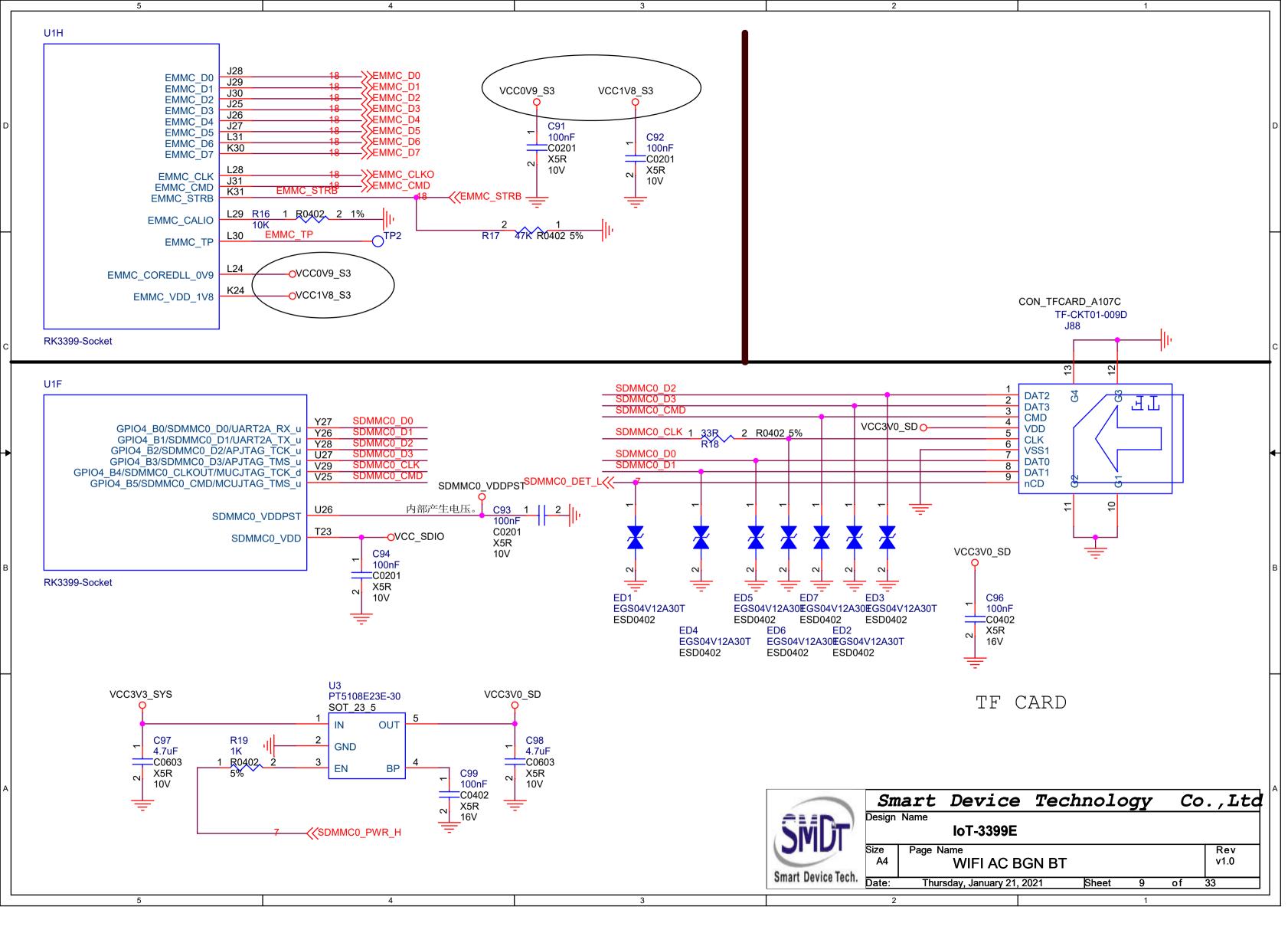
RK3399 POWER DIAGRAM	
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	Smart Device Technology Co., Ltd Design Name IOT-3399E Size Page Name WIFI AC BGN BT VI.0 VI.0
3	Smart Device Tech. Date: Thursday, January 21, 2021 Sheet 4 of 33

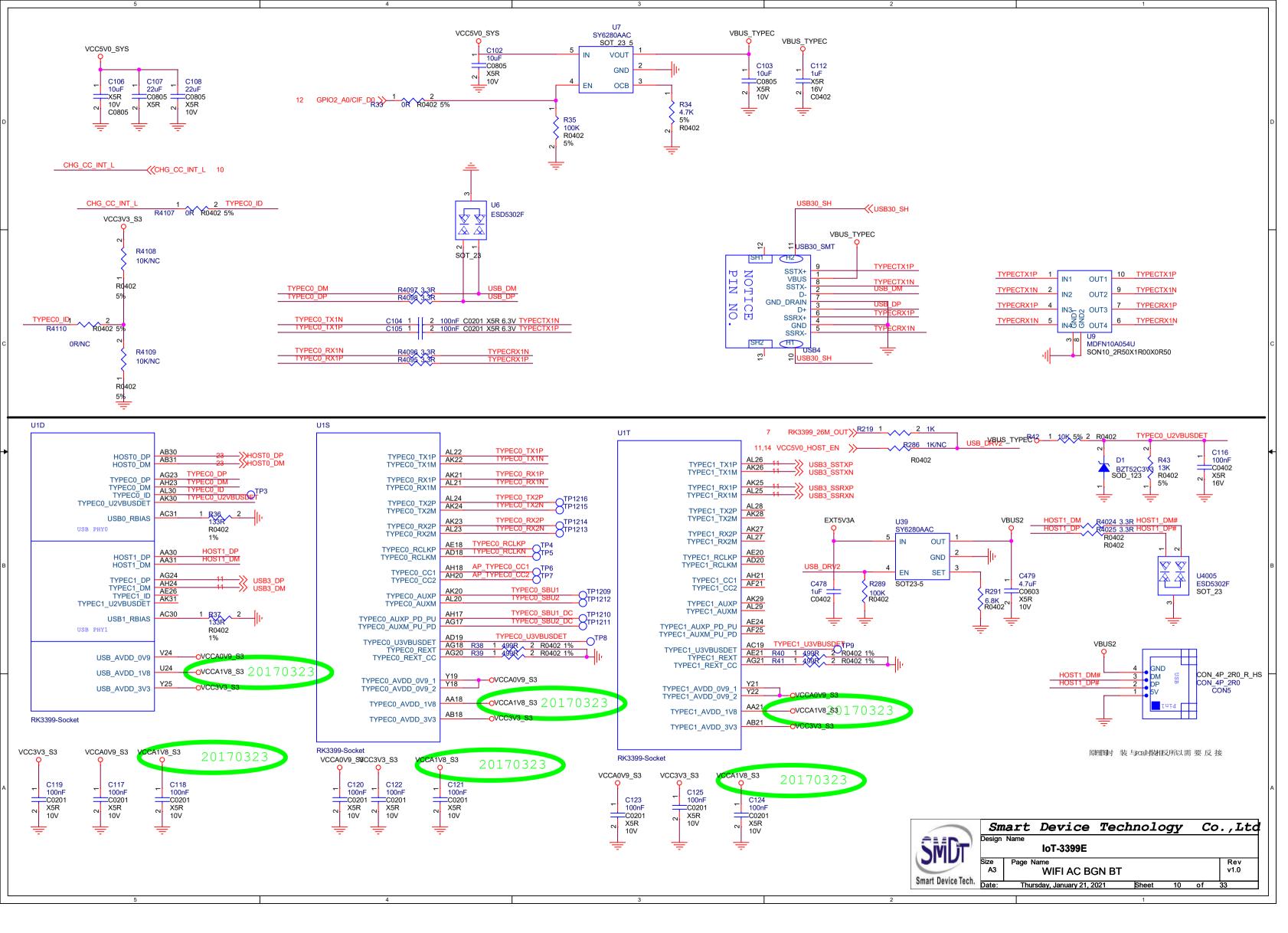


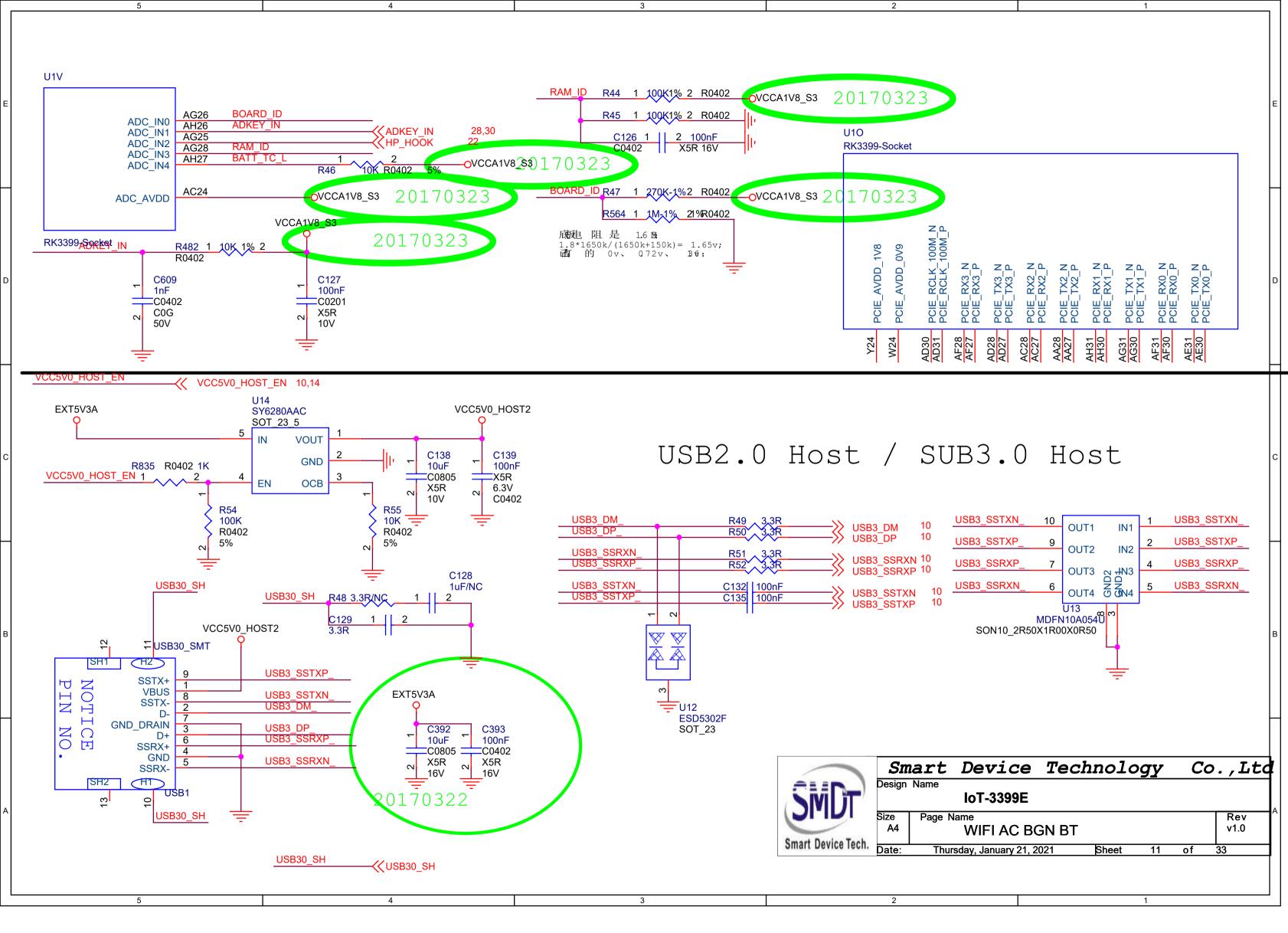


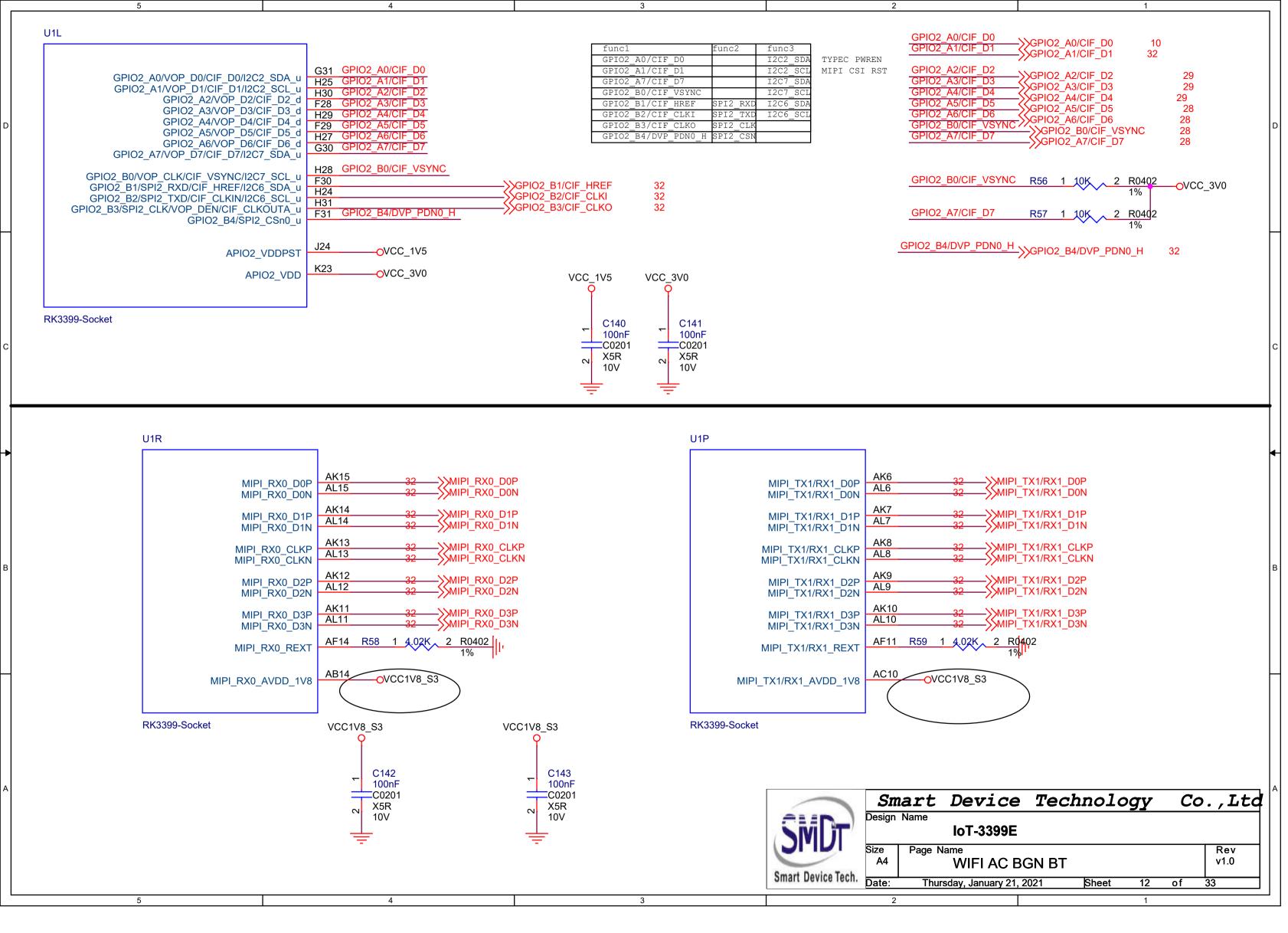


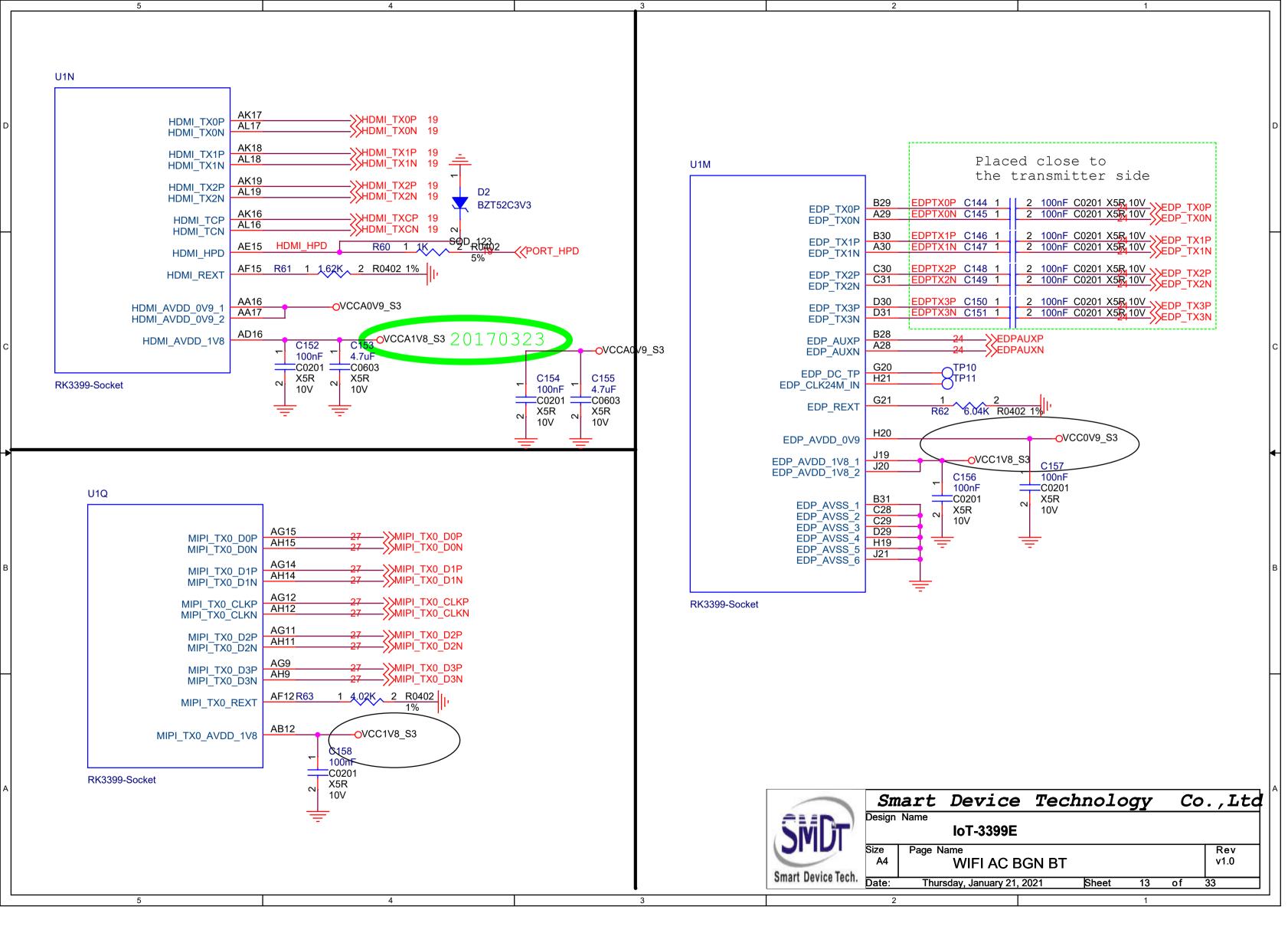


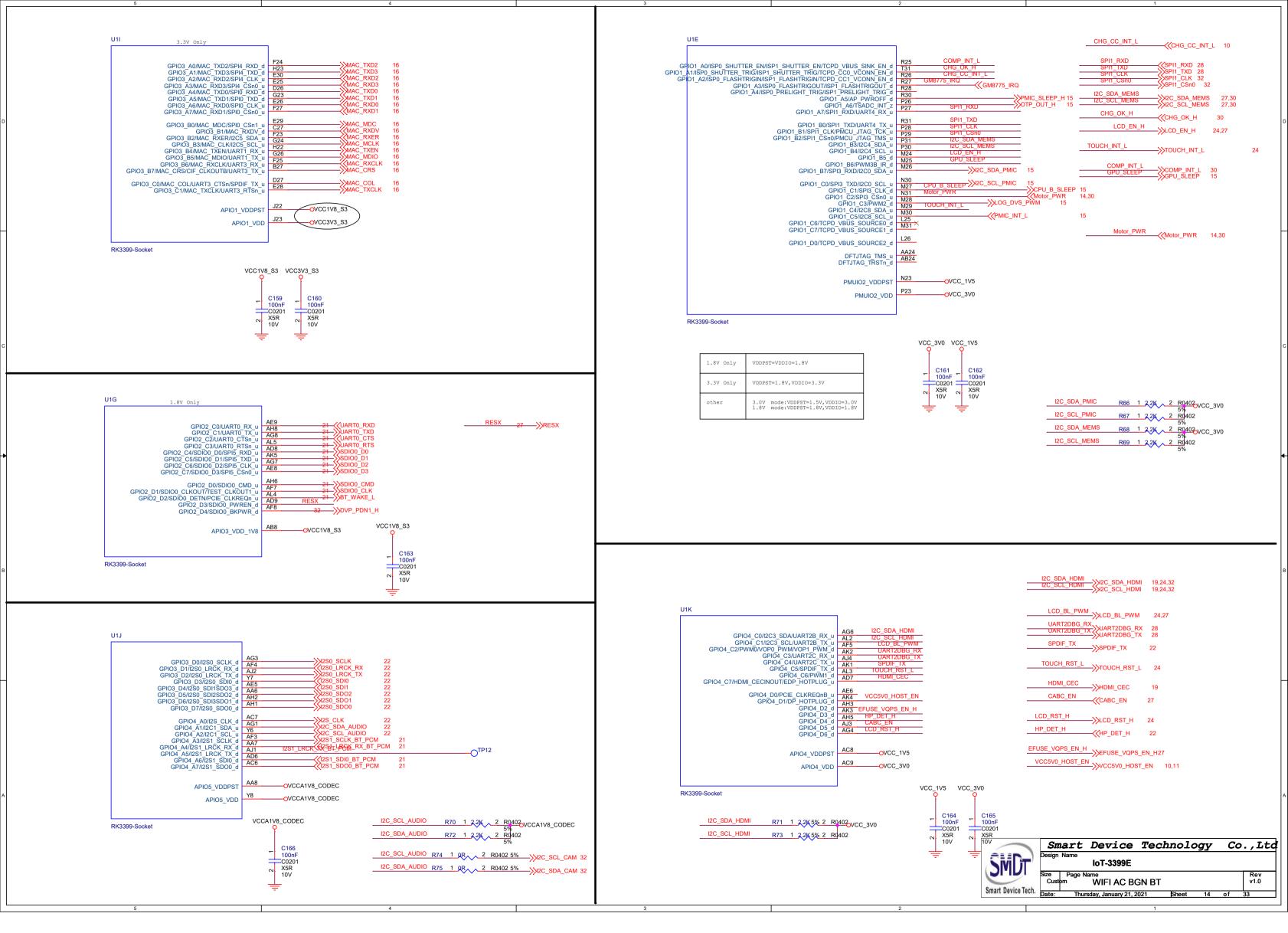


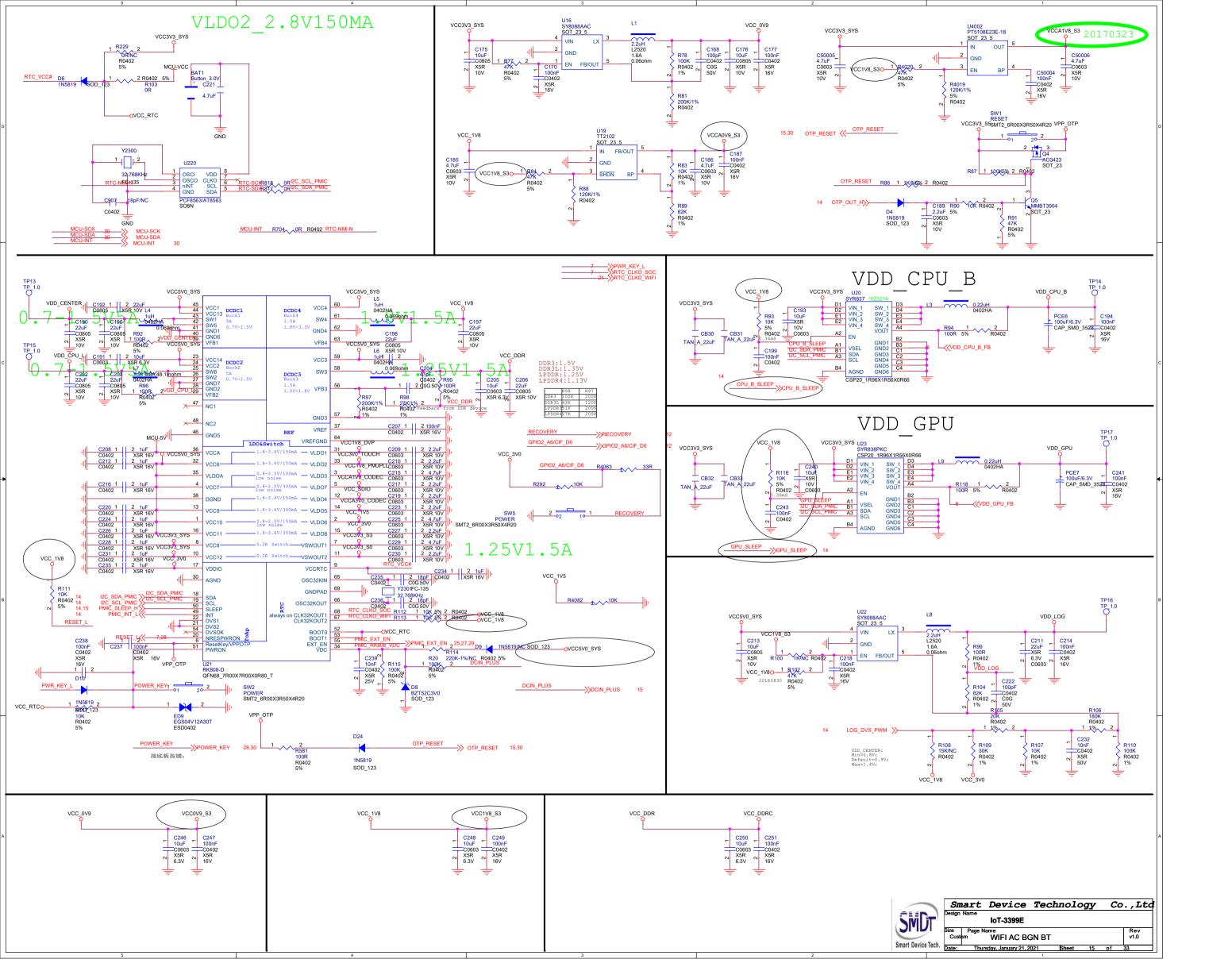


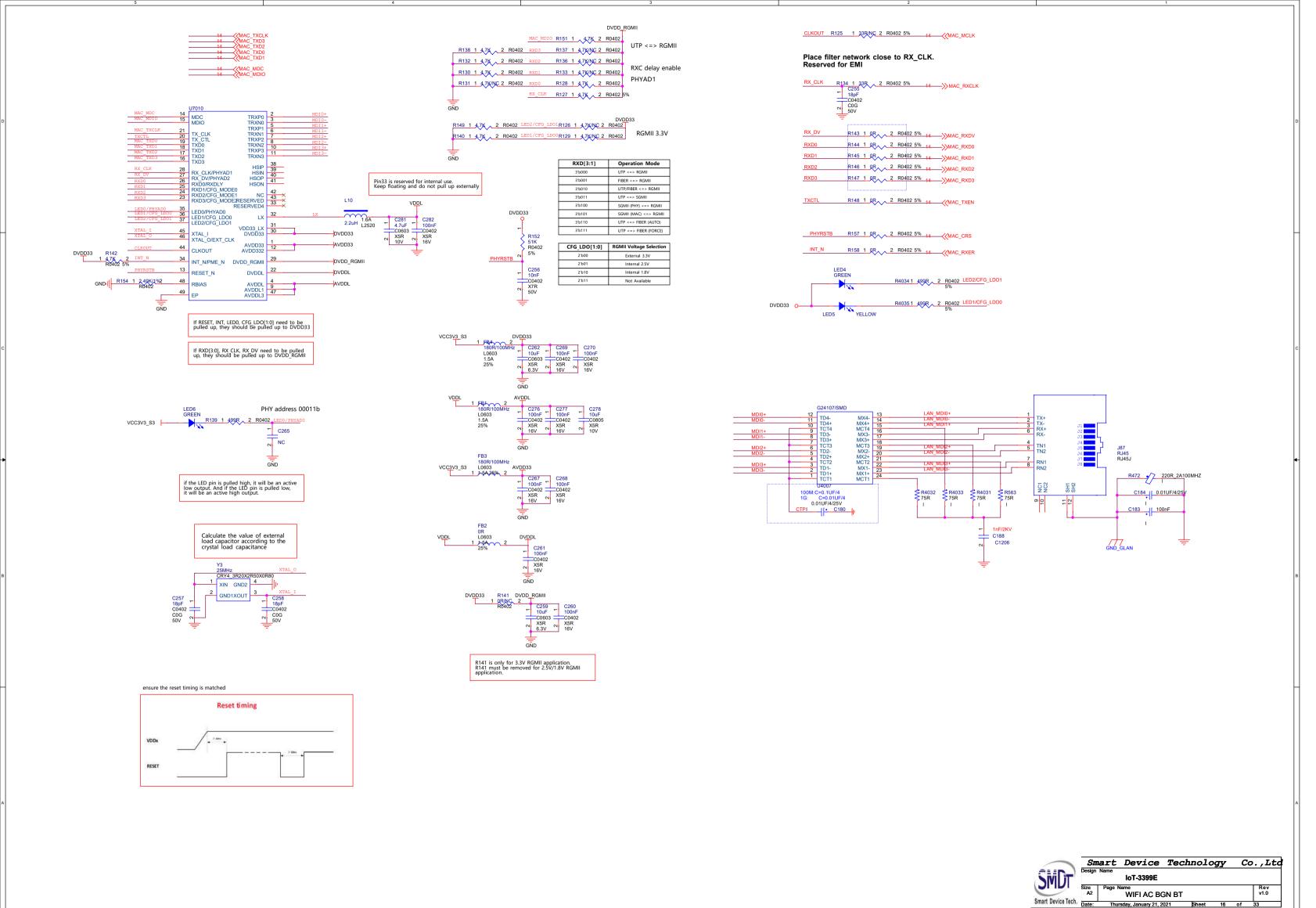


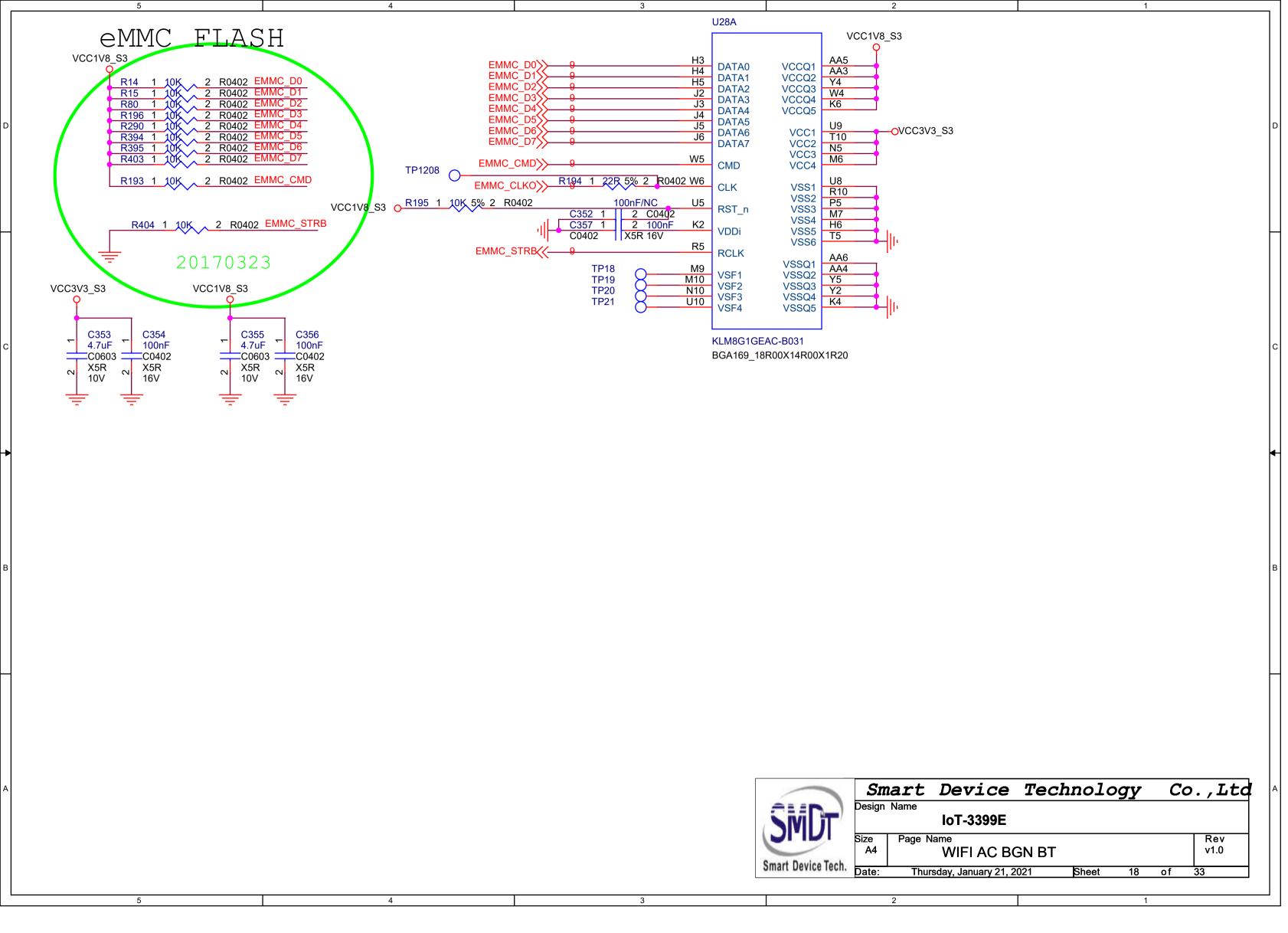


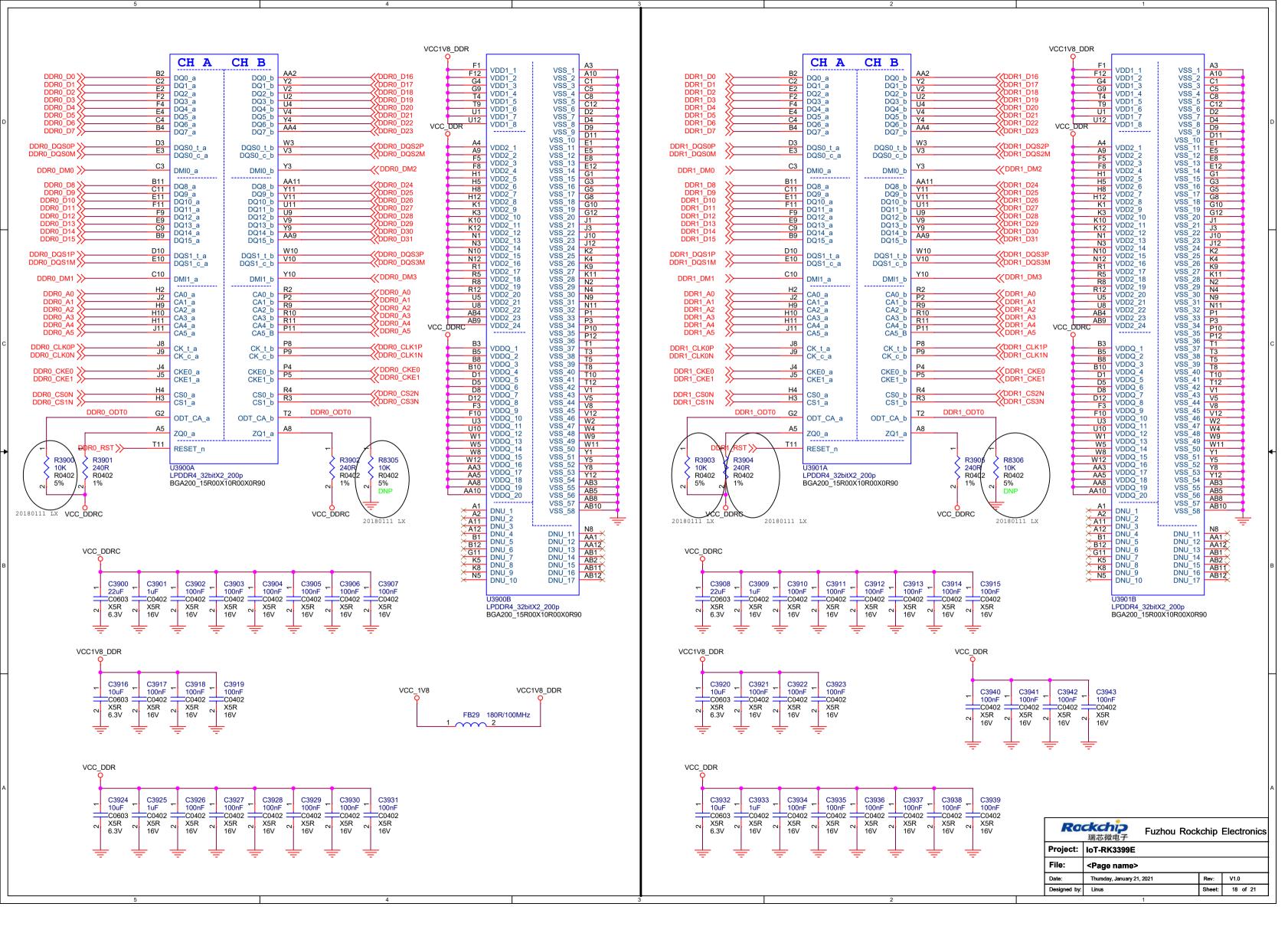


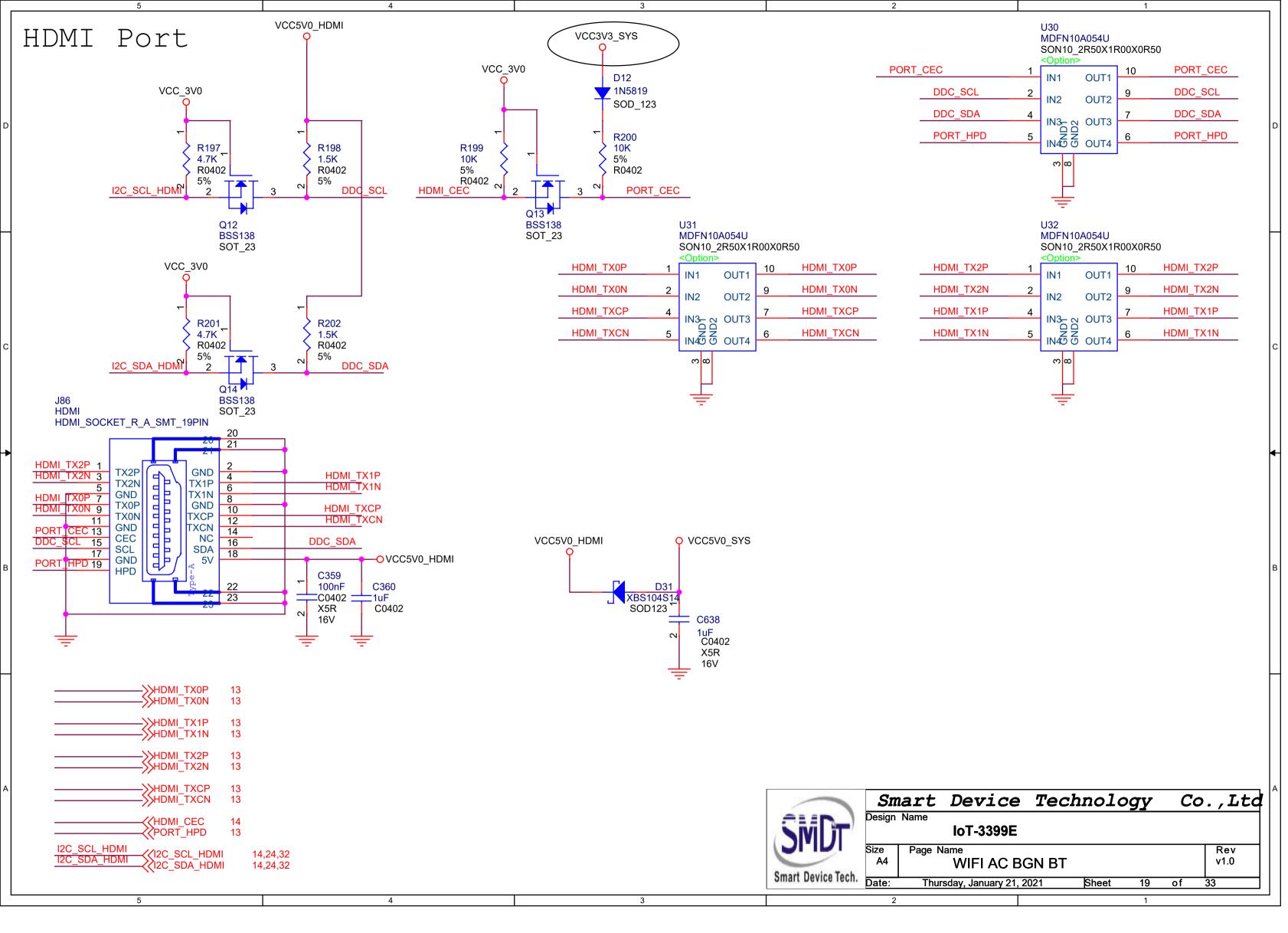


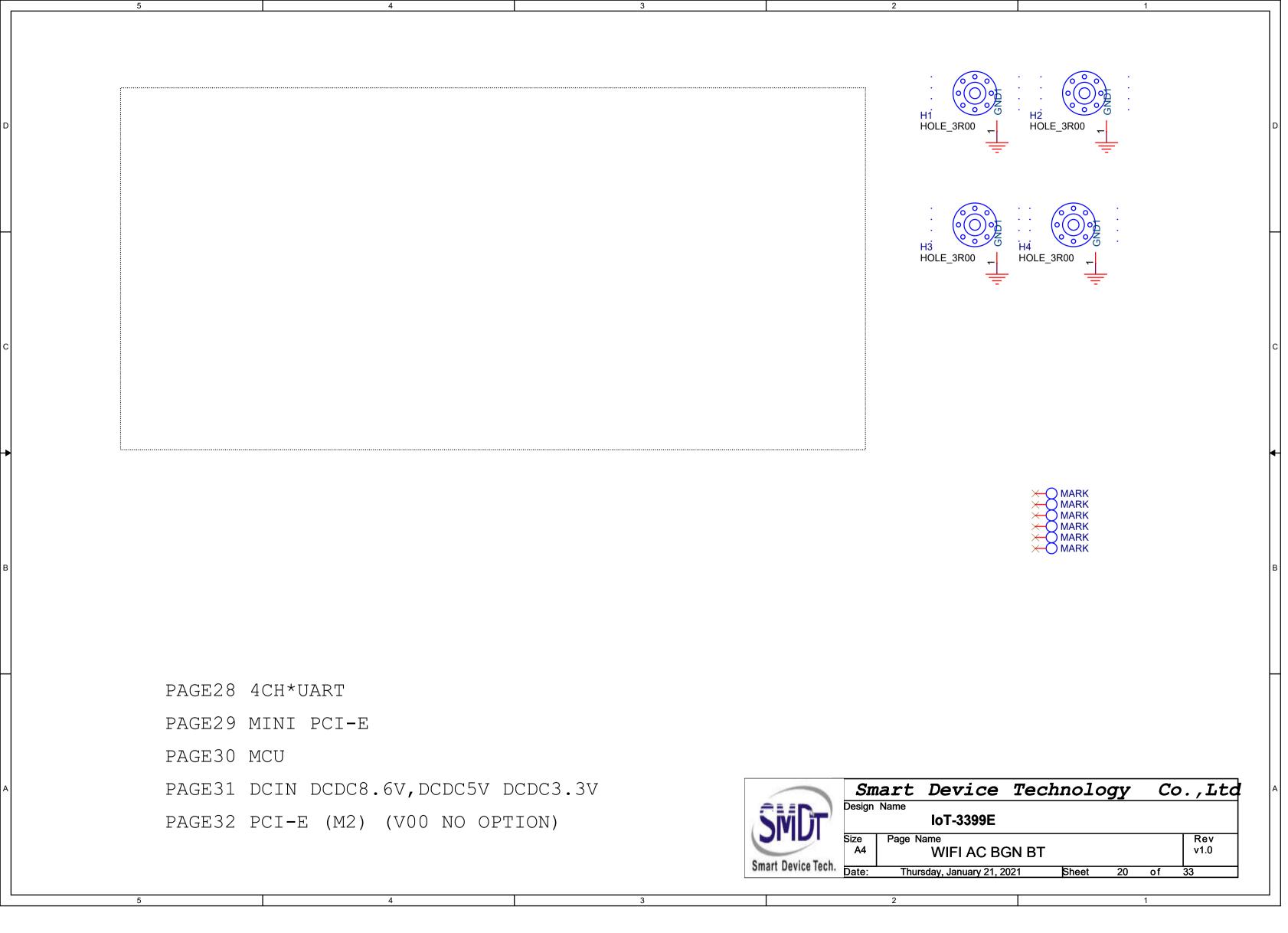


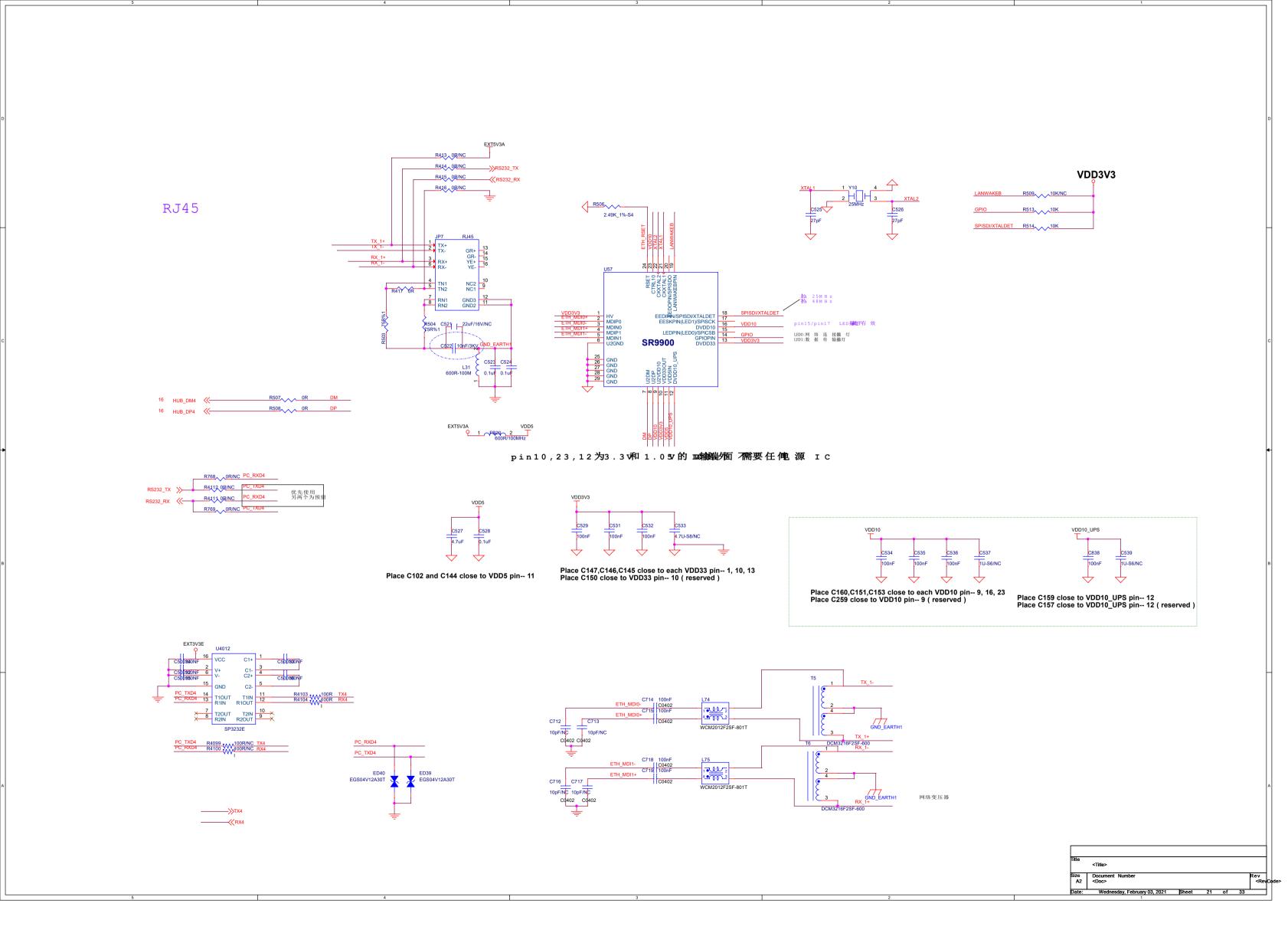


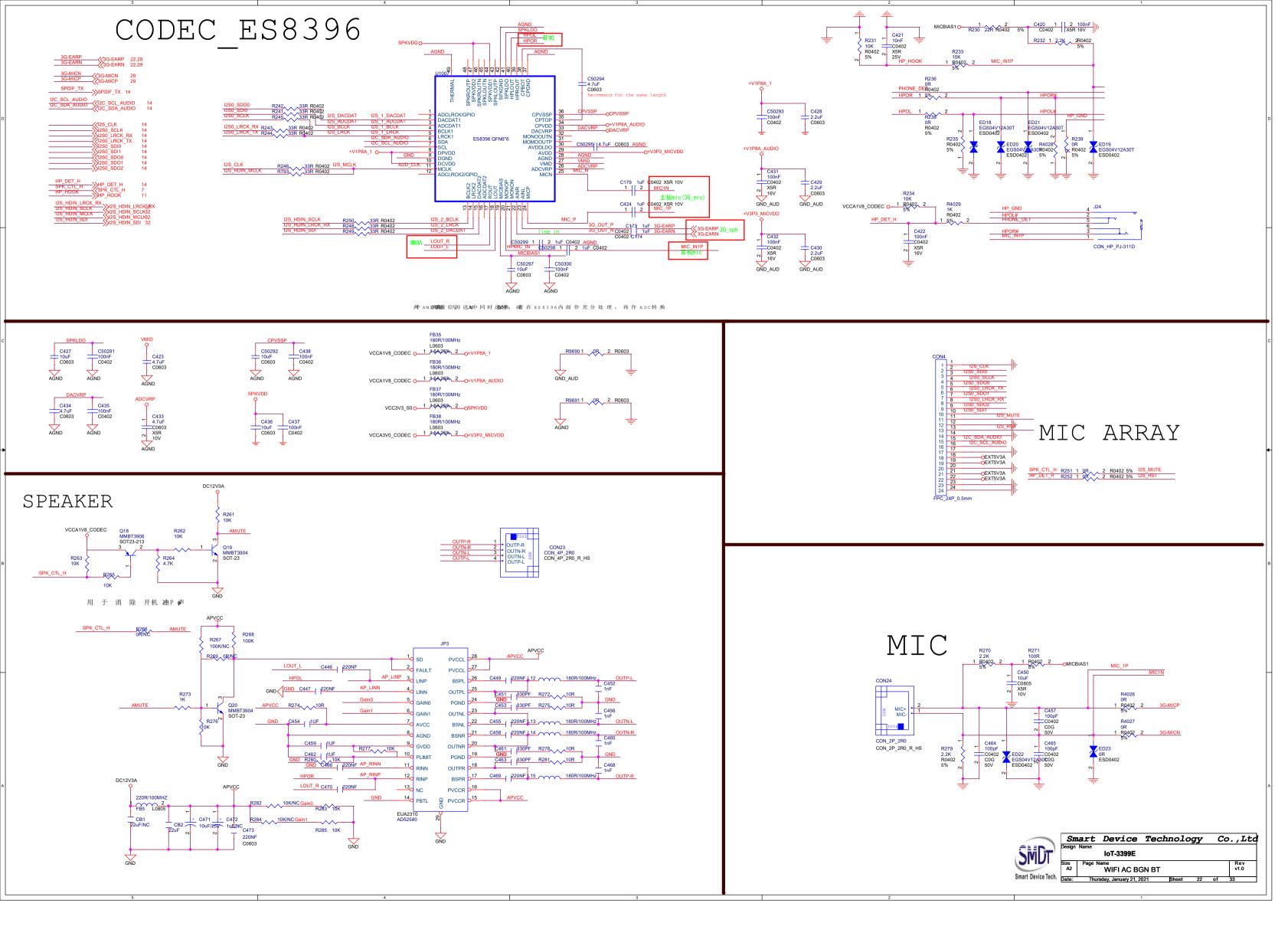


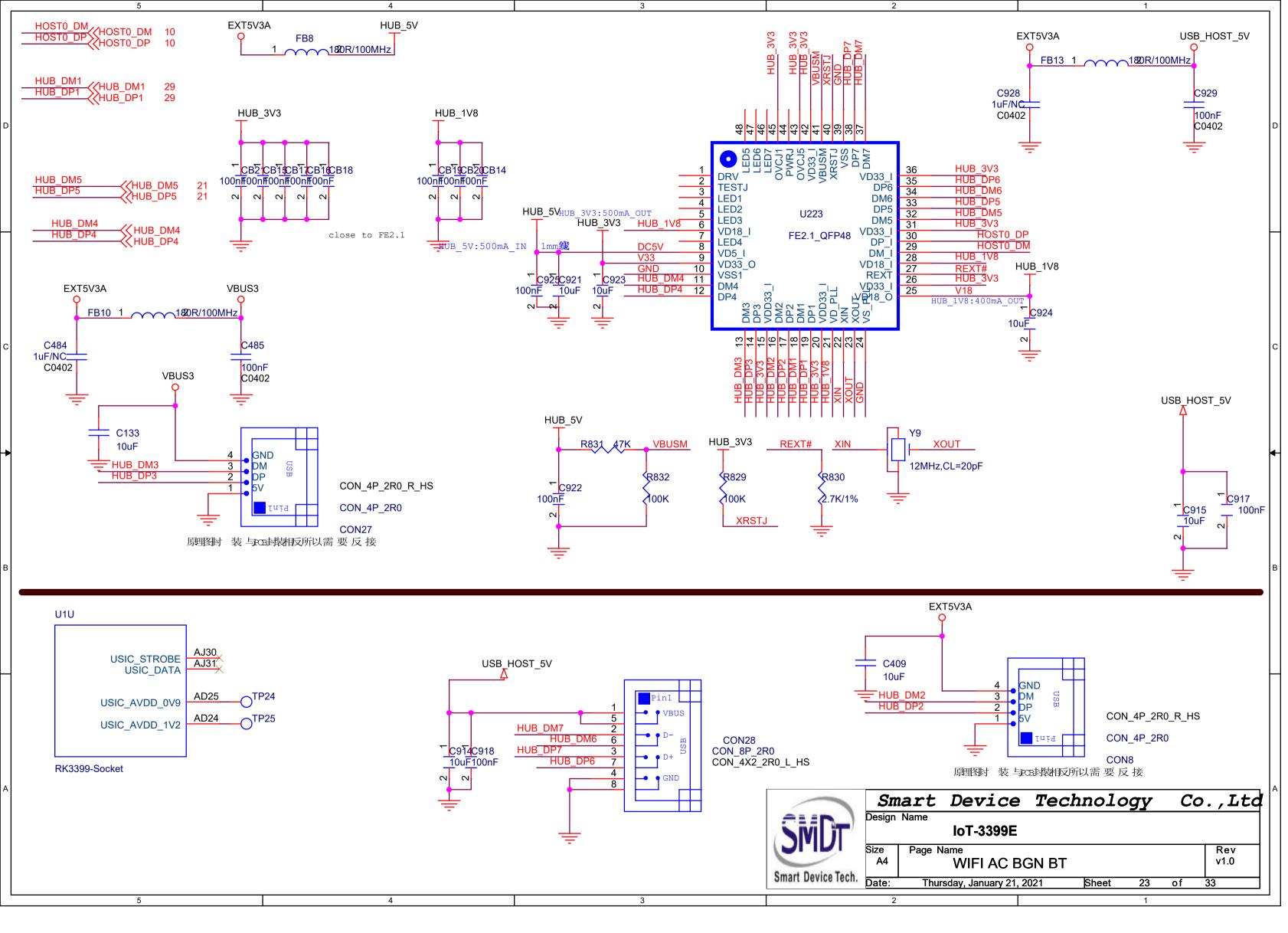


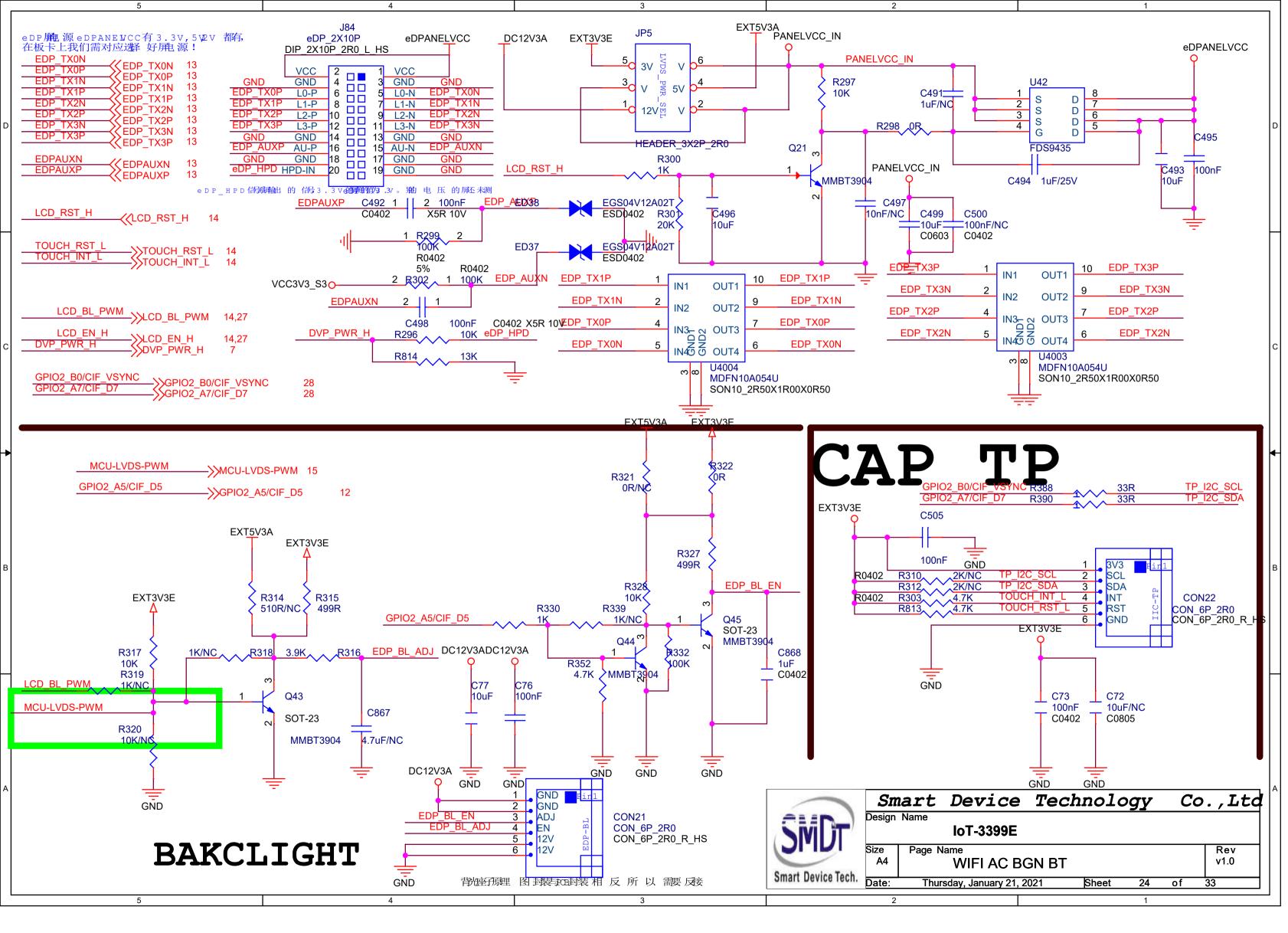


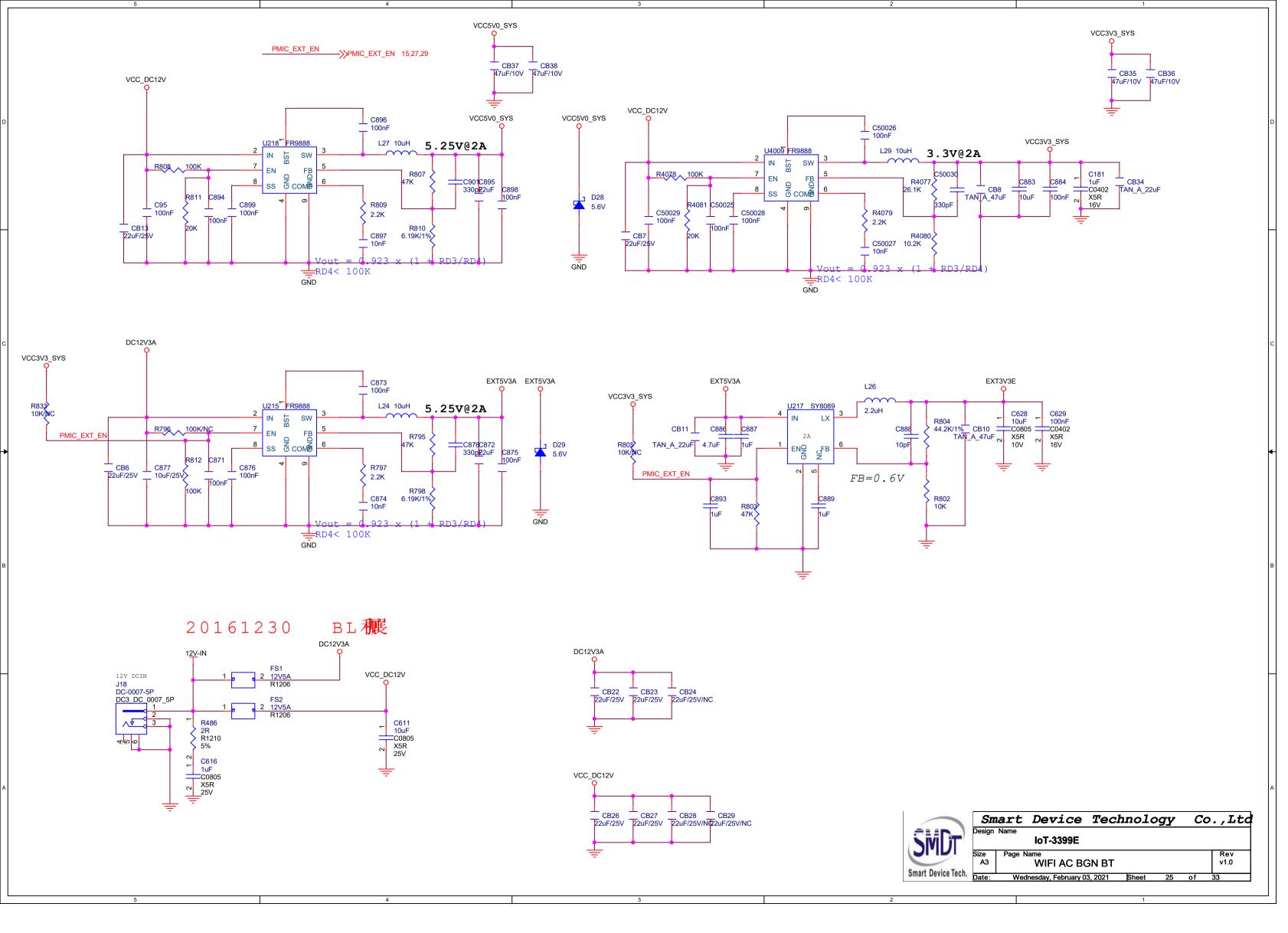


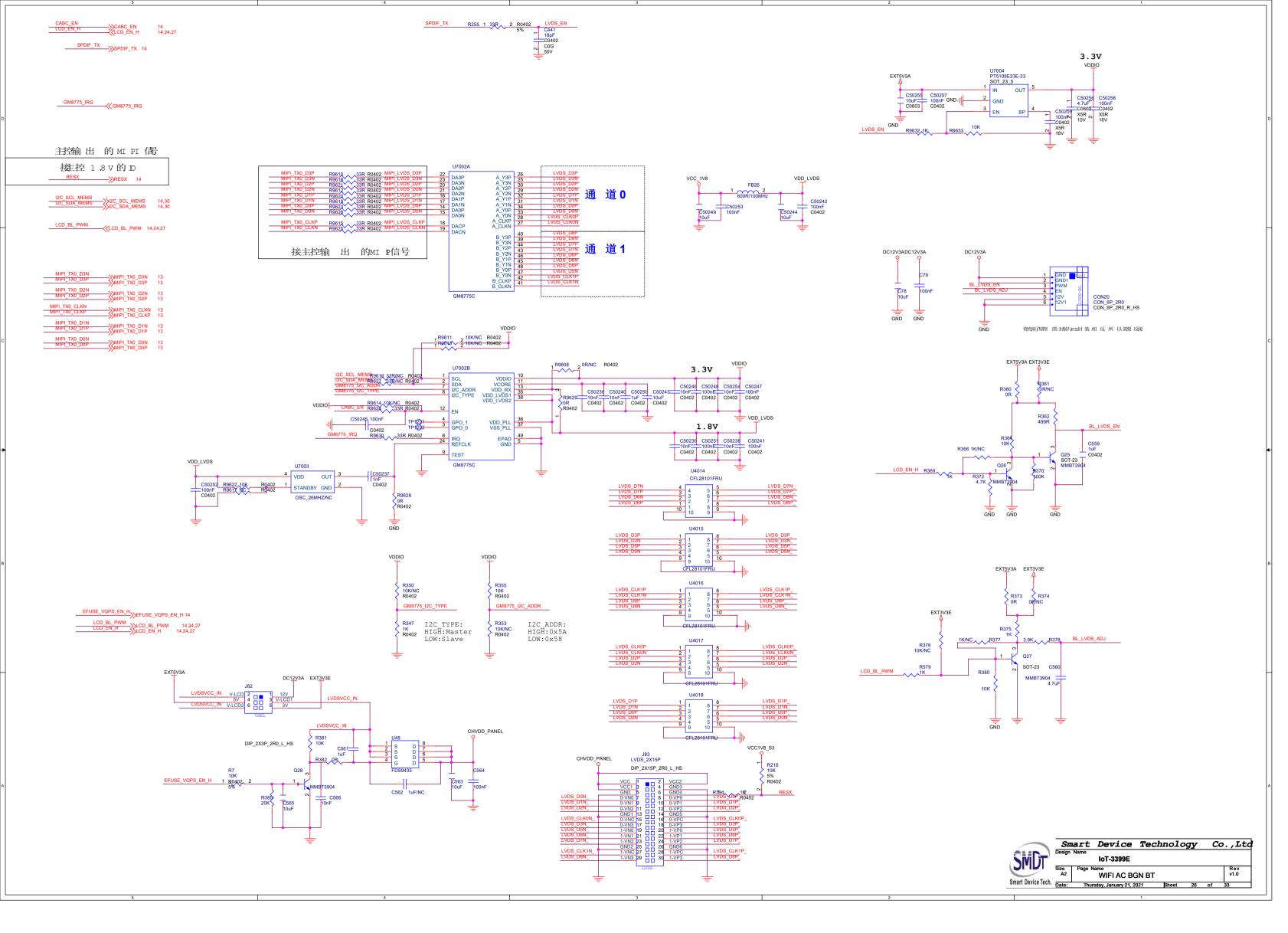


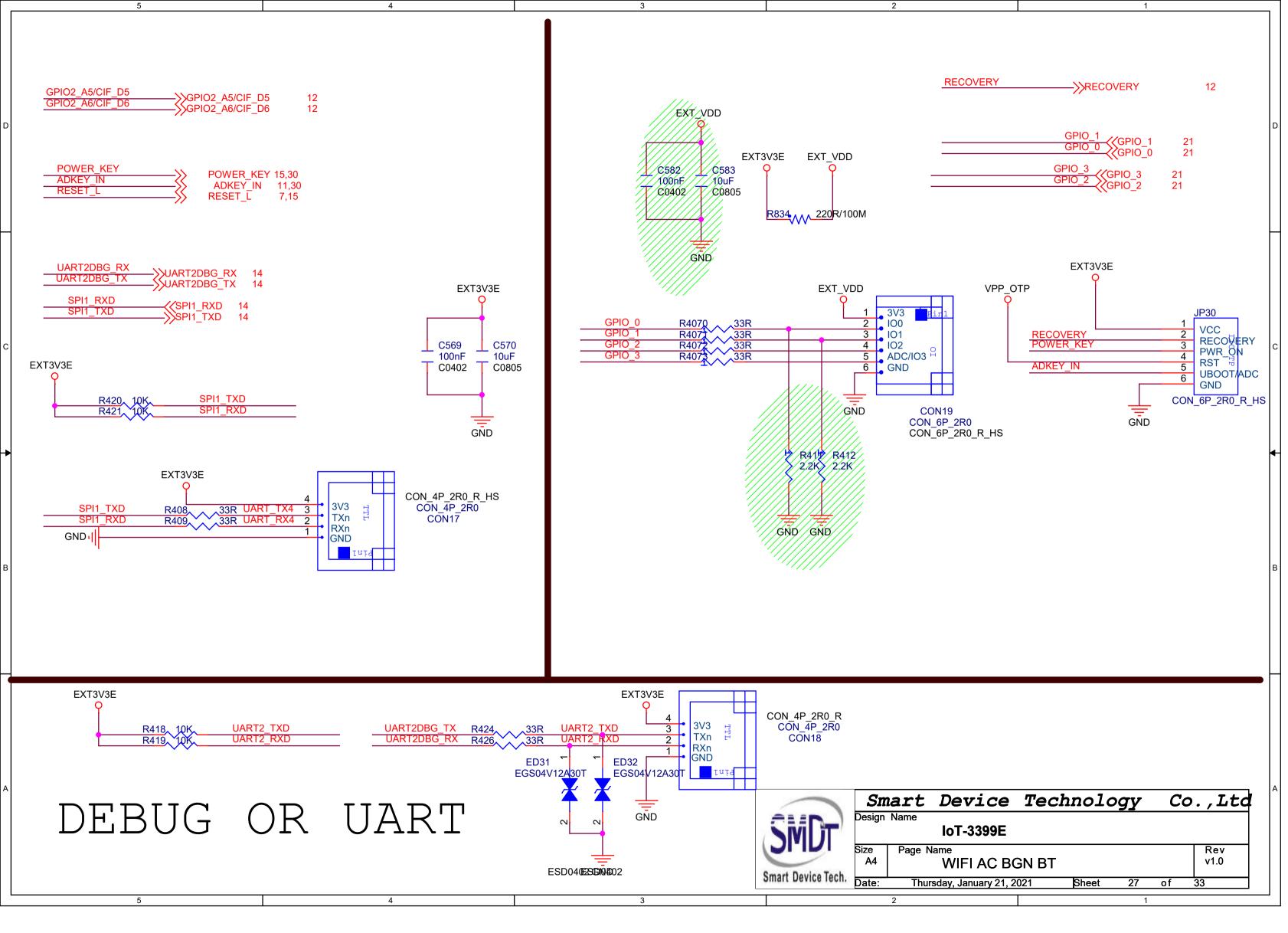


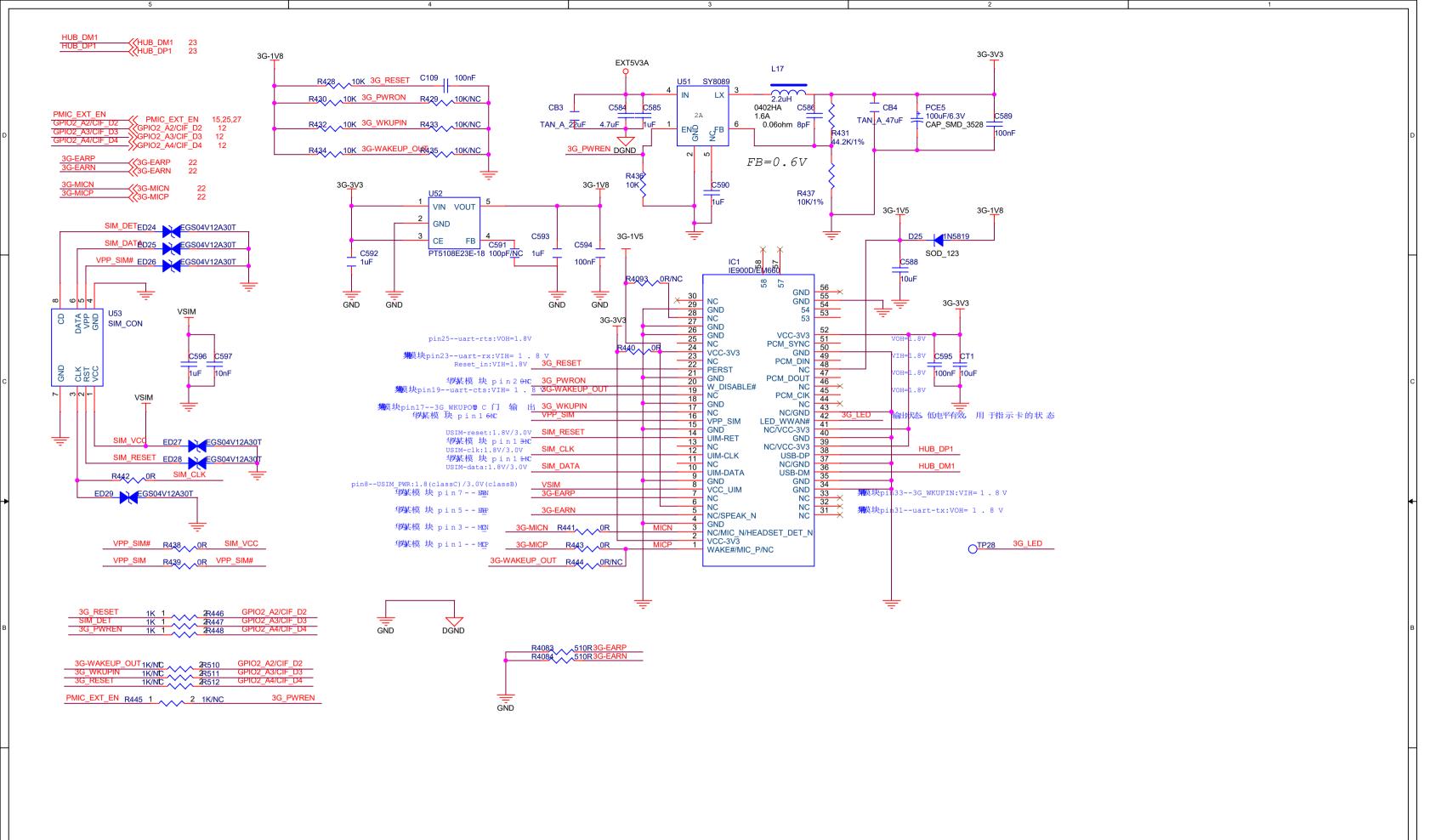












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