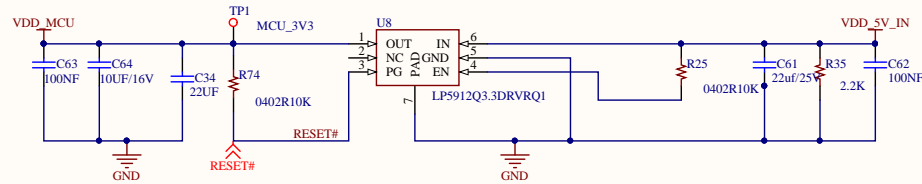
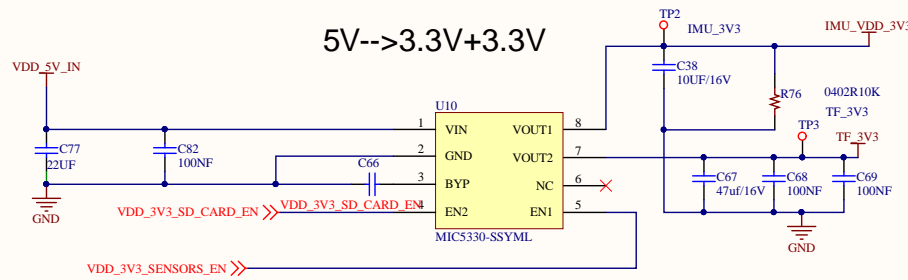


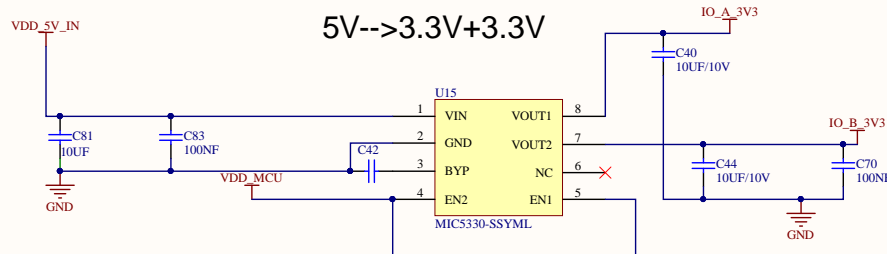
5V-->3.3V+3.3V MCU+TF CARD



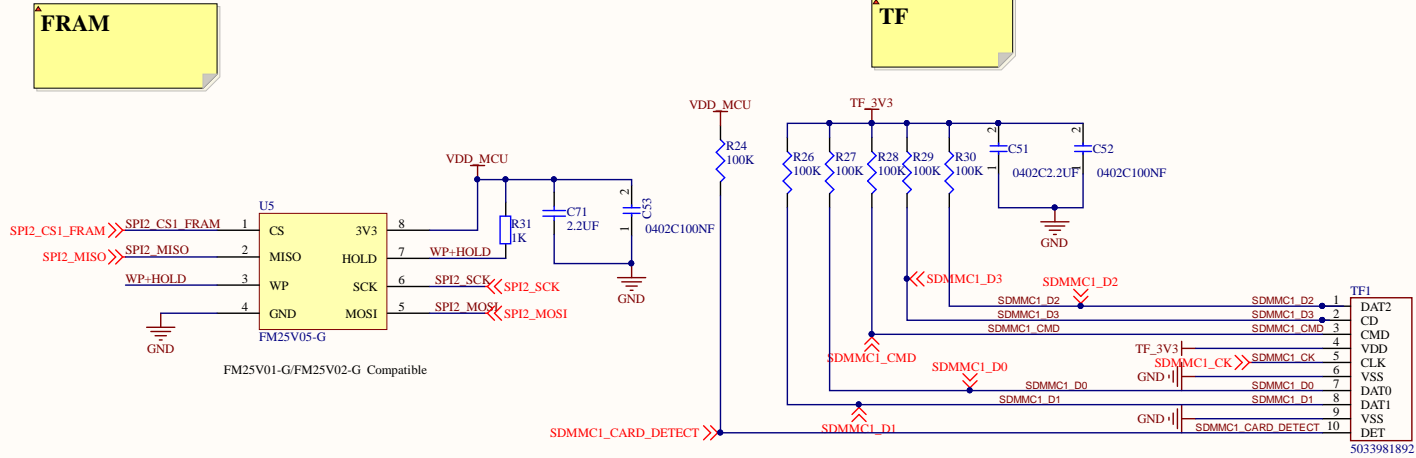
5V-->3.3V+3.3V

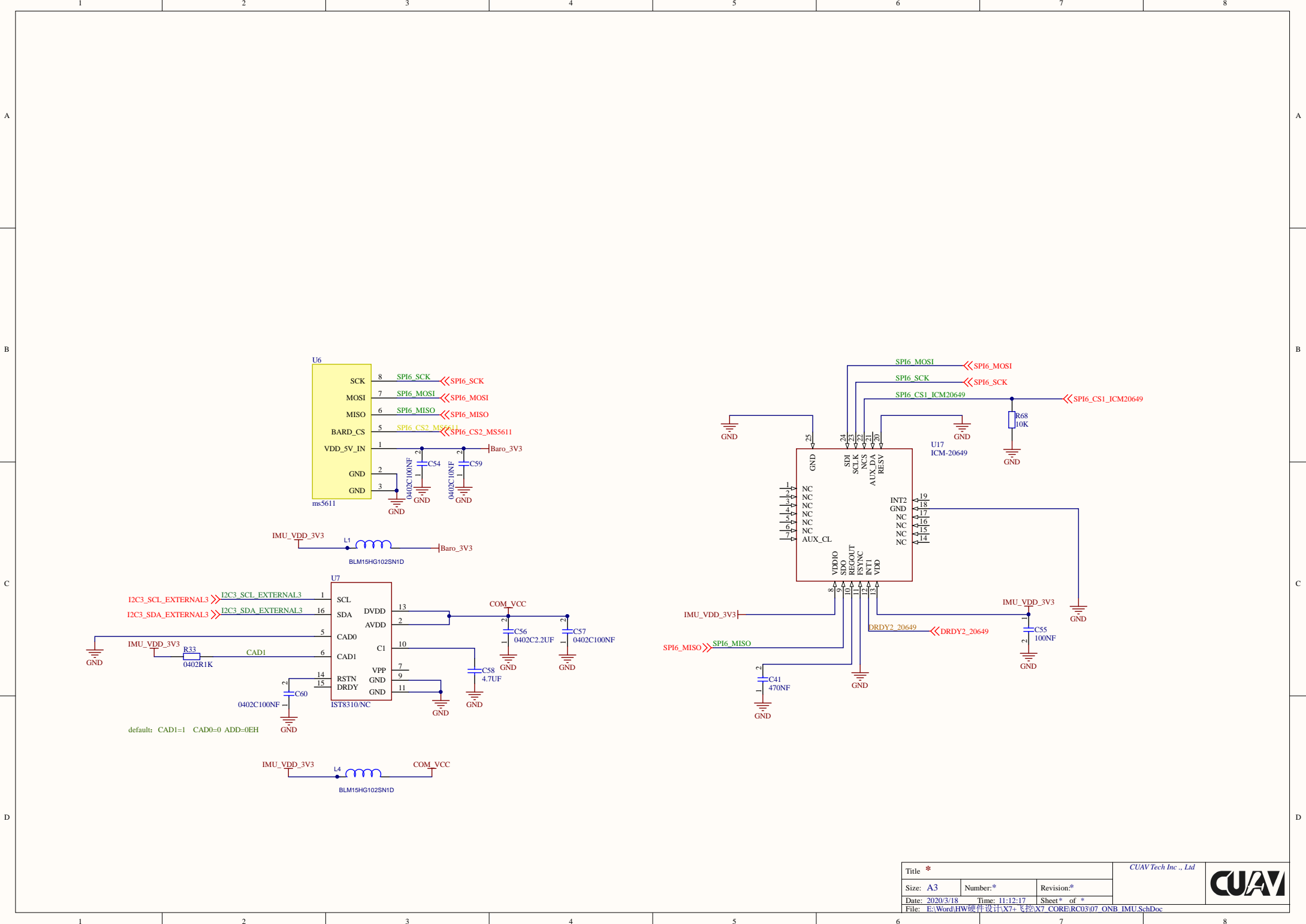


5V-->3.3V+3.3V



TF CARD + MTD of STM32H7





A

B

C

D

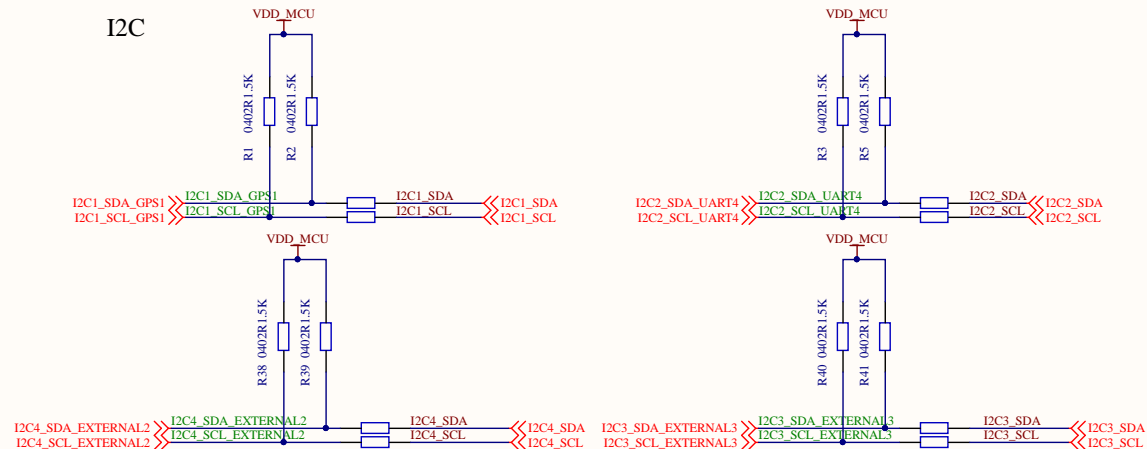
A

B

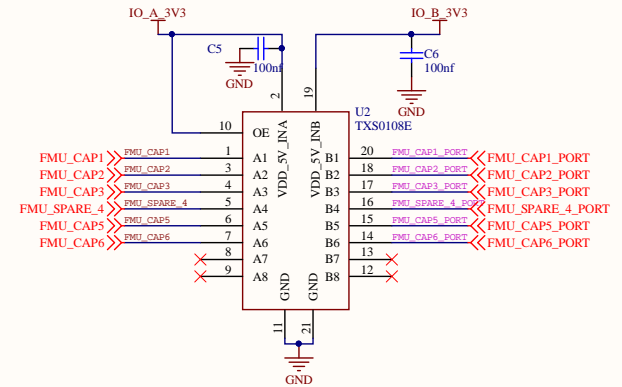
C

D

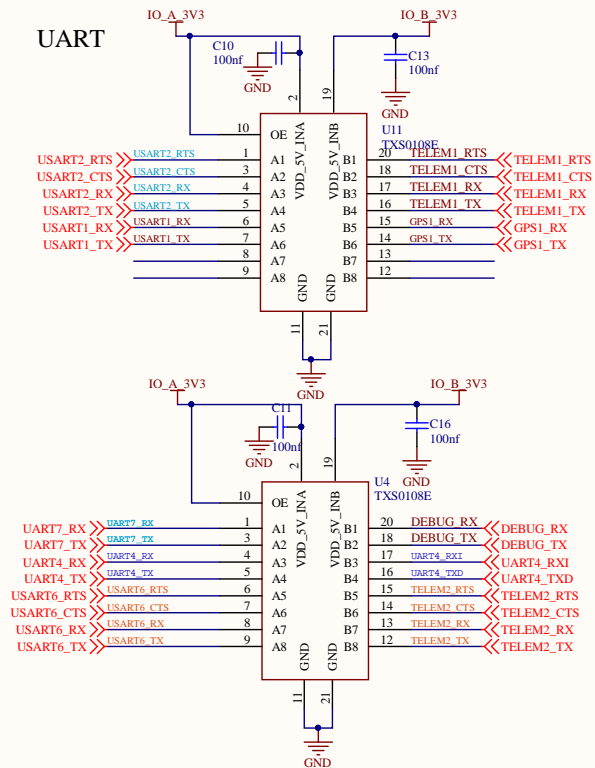
I2C



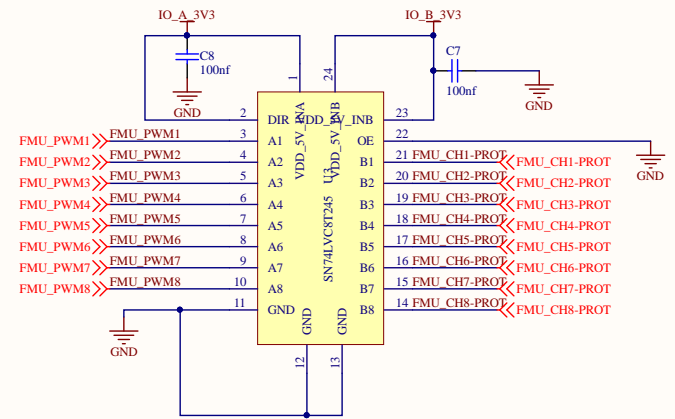
PWM



UART



PWM

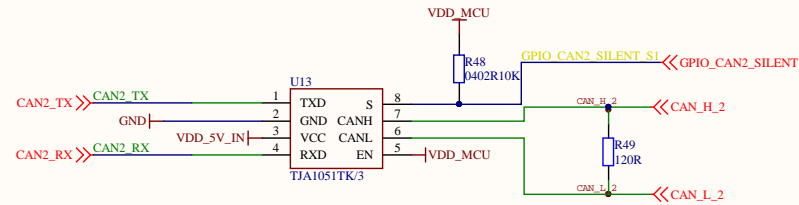
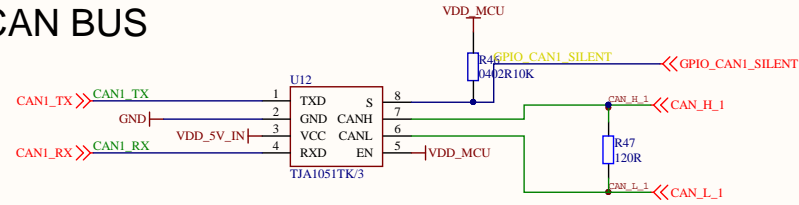


I/O RAIL

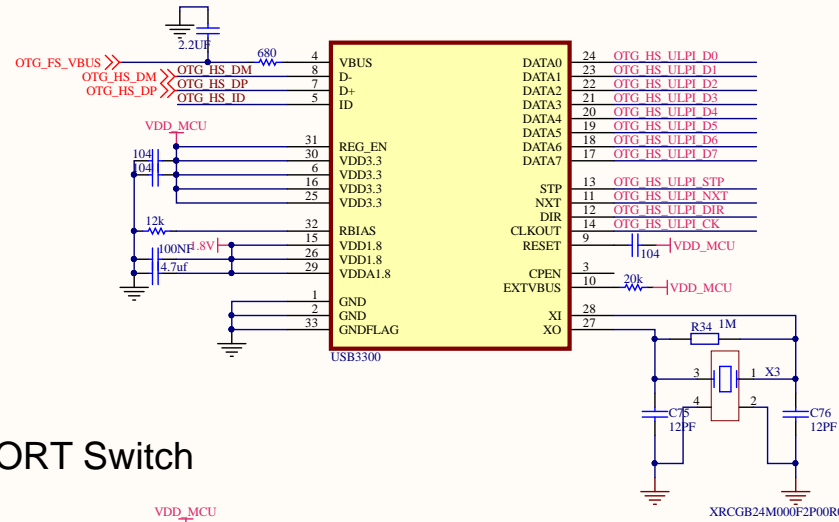
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Size: A3	Number:*	Revision:*	
Date: 2020/3/18	Time: 11:12:18	Sheet * of *	
File: E:\Word\HW硬件设计\X7+飞控\X7 CORE\RC03\09 IO bridge.SchDoc			



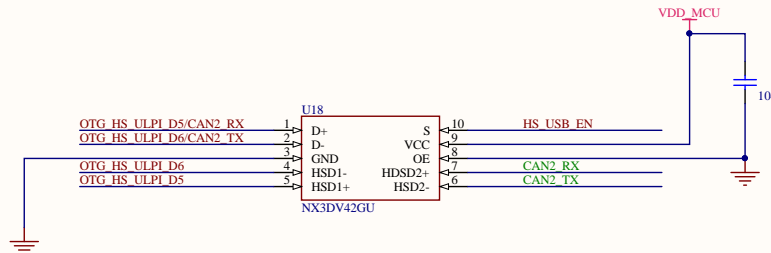
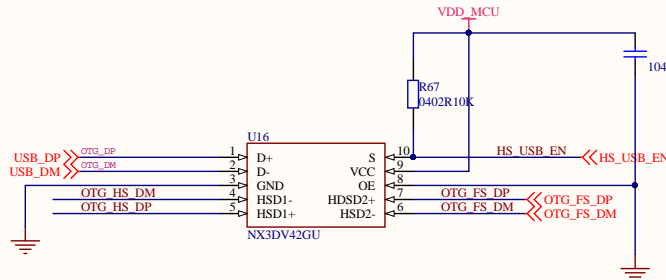
CAN BUS



USB HS PHY




USB PORT Switch



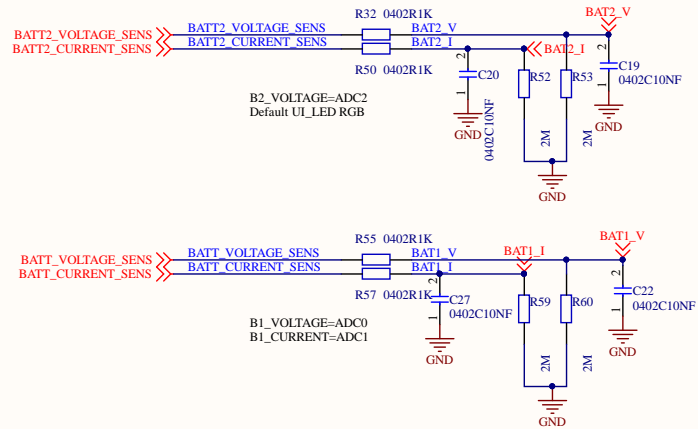
Port switching for USB HS and FS, high = USB_FS , LOW = USB_HS

Port switching for CAN2 and D5 D6 , High= CAN2 , LOW=HS_ULPI

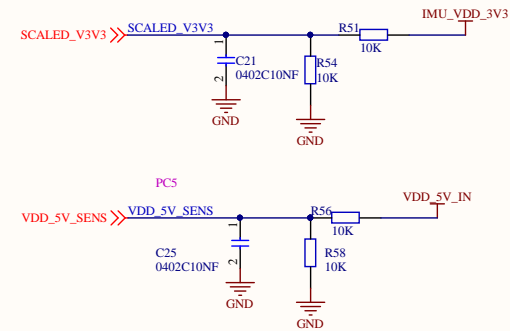
PI

Title *			CUAV Tech Inc., Ltd		
Size: A3	Number: *	Revision: *			
Date: 2020/3/18	Time: 11:12:18	Sheet * of *			
File: E:\Word\HW\硬件设计\X7+ 飞控\X7 CORE\RC03\10 CAN&USB.SchDoc					

PM1 & PM2 voltage and current sensing



Core voltage detection



ADC of 3.3V + 6.6V

