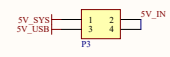
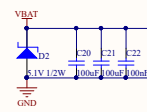
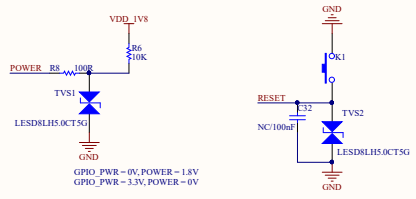


**Power**



BCM	wPi	P2				wPi	BCM
2	8	3	3.3VDC	5V	4	2	
3	9	5	I2C_2_SDA	5V	6	GND	
4	7	7	I2C_2_SCL	5V	8	GND	
17	0	11	AUDIO_MCLK	UART_2_RX	10	15	14
27	2	13	UART_2_RTS	UART_2_TX	12	16	15
22	3	15	SPI_2_SCK	GND	14	GND	1
10	12	17	LCD_TE	SPI_2_CS1	16	4	23
9	13	19	SPI_1_MOSI	GND	18	5	24
11	14	21	SPI_1_MISO	SPI_2_CS0	20	GND	
23	5	23	SPI_1_SCK	SPI_2_MISO	22	6	25
24	6	25	GND	SPI_1_CS1	24	10	8
25	7	27	I2C_1_SDA	I2C_1_SCL	30	GND	
5	21	29	CAM_AF_EN	LCD_BL_PWM	32	26	12
6	22	31	CPIO_PZ0	LCD_BL_PWM	32	GND	
13	23	33	CPIO_PZ2	GND	36	GND	
19	24	35	I2S_4_LBCK	UART_2_CTS	34	GND	
26	25	37	SPI_2_MOSI	I2S_4_SDIN	38	28	20
		39	GND	I2S_4_SDOUT	40	29	21

**Waveshare jetson GPIO**



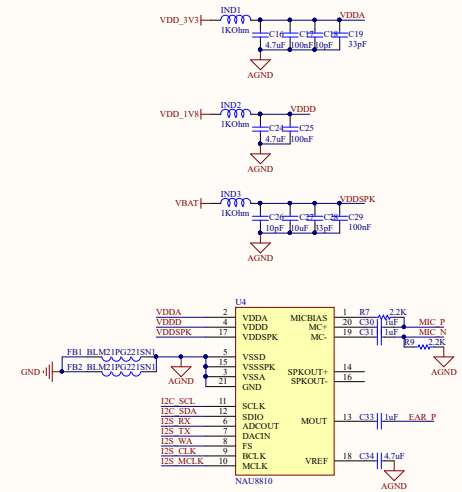
GPIO\_PWR = 0V, POWER = 1.8V  
GPIO\_PWR = 3.3V, POWER = 0V

FlashMode\_Disable R11 100K |VDD\_1V8

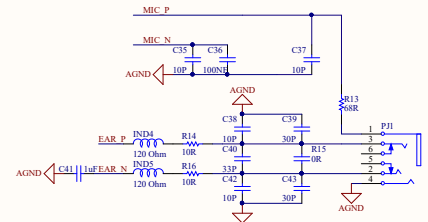
GNSS\_Fabate R11 100K |VDD\_1V8

LED R12 1K |VDD\_3V3

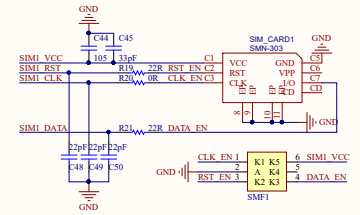
SIMCOMI		VBAT	
I2C_SCL	38	I2C_SCL(1.8V)	3.3V
I2C_SDA	68	I2C_SDA(1.8V)	3.3V
I2S_TX	24	I2S_TX(1.8V)	3.3V
I2S_RX	22	I2S_RX(1.8V)	3.3V
I2S_WA	28	I2S_WA(1.8V)	3.3V
I2S_CLK	20	I2S_CLK(1.8V)	3.3V
I2S_MCLK	60	I2S_MCLK(1.8V)	3.3V
POWER	6	FULL_CARD_POWER_OFF#	GND
RESET	10	LED1	GND
FlashMode_Disable	87	RESET#(1.8V)	GND
GNSS_Fabate	8	W_DISABLE1(3.3/1.8V)	GND
	26	W_DISABLE2(3.3/1.8V)	GND
	33	WOWWAN(1.8V)	GND
	35	DPR(1.8/3.3V)	GND
USB D+	7	USB D+	21
USB D-	9	USB D-	23
USB1-1TX	29	CONFIG_0	69
USB1-1RX	31	CONFIG_1	75
USB1-1TX+	35	CONFIG_2	1
USB1-1RX+	37	CONFIG_3	1
SIMI_VCC	36	UIM1-PWR(1.8/3.3V)	PET60
SIMI_RST	30	UIM1-DATA	PT60
	32	UIM1-CLK	PER60
	30	UIM1-RESET	PER60
	66	SIM1_DET(1.8V)	REFCLKN
	66		REFCLKP
	66		PERSTR0(3.3V)
	48	UIM2-PWR(1.8/3.3V)	CLKREQ(3.3V)
	44	UIM2_RESET(1.8V)	PEWAKE(3.3V)
	42	UIM2_CLK(1.8V)	
	42	UIM2_DATA(1.8V)	
	60	SIM2_DET(1.8V)	
	59	ANTCTL1(1.8V)	59
	61	ANTCTL1(1.8V)	61
	63	ANTCTL2(1.8V)	63
	65	ANTCTL2(1.8V)	65
	67	ANTCTL3(1.8V)	67
	69	ANTCTL3(1.8V)	69
	62	COEX2(1.8V)	REF_RFFE_SDATA
	64	COEX1(1.8V)	REF_RFFE_SCLK



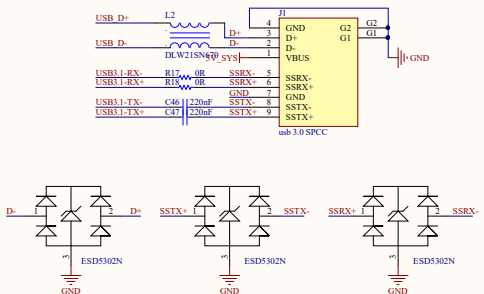
**PCM**



**earphone**



**SIM\_CAR**



**USB3.0**