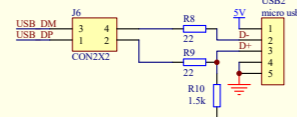
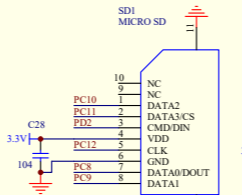


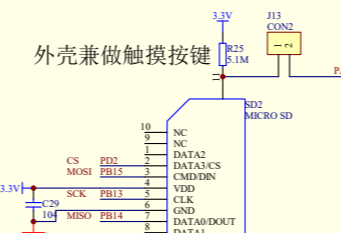
摄像头接口



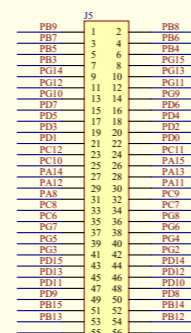
用户USB设备接口



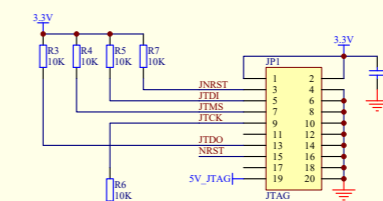
SDIO模式SD卡座



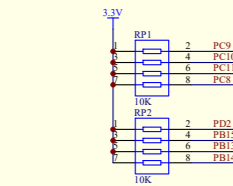
SPI模式SD卡座



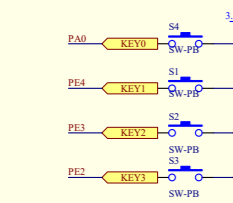
扩展I/O接口



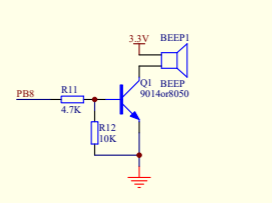
标准20芯JTAG接口



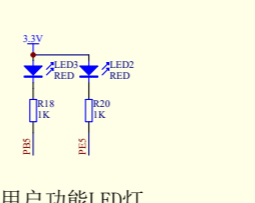
SD卡上拉排阻



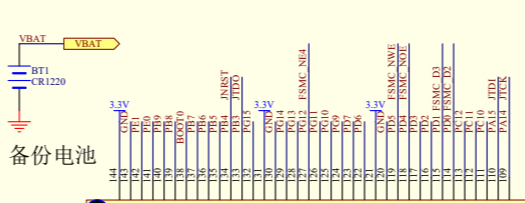
用户按键



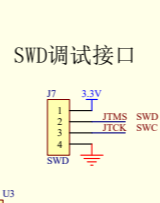
蜂鸣器



用户功能LED灯



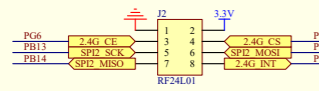
备份电池



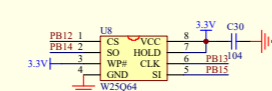
SWD调试接口

芯片引脚细节图，仅供参考，以ST官方datasheet为准。

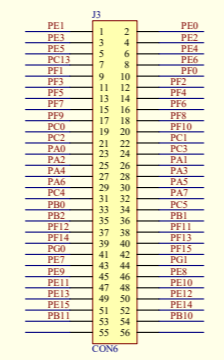
1	PE2	TRACE/CK/FSMC_A23	VDD_3	144
2	PE3	TRACE/D/FSMC_A19	VSS_3	143
3	PE4	TRACE/D/FSMC_A20	FSMC_NBL0/PE1	142
4	PE5	TRACE/D/FSMC_A21	FSMC_NBL0/TM4_ETR/PE0	141
5	PE6	TRACE/D/FSMC_A22	SDIO_D5/TM4_CH/PB9	140
6	VBAT		SDIO_D4/TM4_CH/PB8	139
7	PC13-TAMPER-RTC		BOOT0	138
8	PC14-OSC32_IN		BM4_CH2/FSMC_NADV/TDC1_SDA/PB7	137
9	PC15-OSC32_OUT		TM4_CHU/DC1_SCL/PB6	136
10	PF0/FSMC_A0		IS3_SDP3_MOSI/DC1_SMB/PB5	135
11	PF1/FSMC_A1		ITD0/PB3	134
12	PF2/FSMC_A2		PG15	133
13	PF3/FSMC_A3		VSS_11	132
14	PF4/FSMC_A4		VSS_10	131
15	PF5/FSMC_A5		VSS_9	130
16	VDD_5		FSMC_A25/PG14	129
17	VSS_5		FSMC_A24/PG13	128
18	PF6/ADC3_IN4/FSMC_NIORD		FSMC_NE4/PG12	127
19	PF7/ADC3_IN5/FSMC_NREG		FSMC_NCE4_2/PG11	126
20	PF8/ADC3_IN6/FSMC_NREWR		FSMC_NCE3/FSMC_NCE4_1/PG10	125
21	PF9/ADC3_IN7/FSMC_CD		FSMC_NCE3/FSMC_NE2/PG9	124
22	PF10/ADC3_IN8/FSMC_INTR		FSMC_NCE2/FSMC_NE1/PG7	123
23	OSC_IN		FSMC_NWAIT/PG6	122
24	OSC_OUT		VDD_10	121
25	NRST		VSS_10	120
26	PC9/ADC12_IN10		FSMC_NWE/PG5	119
27	PC1/ADC12_IN11		FSMC_NOE/PG4	118
28	PC2/ADC12_IN12		FSMC_CLK/PG3	117
29	PC3/ADC12_IN13		SDIO_CMD/USART5_RX/TIM2_ETR/PG2	116
30	VSSA		FSMC_D3/PD1	115
31	VREF+		FSMC_D2/PD0	114
32	VREF-		SDIO_KC/USART5_TX/PC12	113
33	VDDA		FSMC_D1/PD9	112
34	PA6-WKUP/USART2_CTS/ADC12_IN0/TM2_CH_ETR		SDIO_D1/TM8_CH/PC9	111
35	PA1/USART2_RTS/ADC12_IN1/TM2_CH2		SDIO_D0/TM8_CH/PC8	110
36	PA2/USART2_TX/ADC12_IN2/TM2_CH3		SDIO_D7/TM8_CH/DS3_MCK/PC7	109
37	PA3/USART2_RX/ADC12_IN3/TM2_CH4		SDIO_D6/TM8_CH/DS2_MCK/PC6	108
38	VSS_4		VDD_9	107
39	VDD_4		VSS_9	106
40	VDD_4		NC	105
41	PA8/SPI1_NSS/USART2_CK/ADC12_IN4		SWDIO/TM5/PA15	104
42	PA9/SPI1_SCK/ADC12_IN5		USB_DP/TM1_ETR/CAN_TX/USART1_RTS/PA12	103
43	PA10/SPI1_MISO/ADC12_IN6/TM3_CH1		USB_DM/TM1_CH4/CAN_RX/USART1_CTS/PA11	102
44	PA11/SPI1_MOSI/ADC12_IN7/TM3_CH2		TM1_CH2/USART1_RX/PA10	101
45	PC4/ADC12_IN14		TM1_CH2/USART1_TX/PA9	100
46	PC5/ADC12_IN15		MCO/TM1_CH1/USART1_CK/PA8	99
47	PB1/ADC_IN0/TM3_CH3		SDIO_D1/TM8_CH/PC9	98
48	PB2/ADC_IN1/TM3_CH4		SDIO_D0/TM8_CH/PC8	97
49	PB3/BOOT0		SDIO_D7/TM8_CH/DS3_MCK/PC7	96
50	PF1/FSMC_NOS16		SDIO_D6/TM8_CH/DS2_MCK/PC6	95
51	PF2/FSMC_A6		VDD_9	94
52	VSS_6		VSS_9	93
53	VDD_6		PG8	92
54	PF13/FSMC_A7		FSMC_INT3/PG7	91
55	PF14/FSMC_A8		FSMC_INT2/PG6	90
56	PF15/FSMC_A9		FSMC_A15/PG5	89
57	PG0/FSMC_A10		FSMC_A14/PG4	88
58	PG1/FSMC_A11		FSMC_A13/PG3	87
59	PF8/FSMC_D4		FSMC_A12/PG2	86
60	PE8/FSMC_D5		FSMC_D1/PD15	85
61	PE9/FSMC_D6		FSMC_D0/PD14	84
62	VSS_7		VDD_8	83
63	VDD_7		VSS_8	82
64	PE10/FSMC_D7		FSMC_A18/PD12	81
65	PE11/FSMC_D8		FSMC_A17/PD11	80
66	PE12/FSMC_D9		FSMC_A16/PD10	79
67	PE13/FSMC_D10		FSMC_D15/PD9	78
68	PE14/FSMC_D11		FSMC_D14/PD8	77
69	PE15/FSMC_D12		FSMC_D13/PD7	76
70	PB10/DC2_SCL/USART3_TX		TM1_CH2/USART3_RX	75
71	PB11/DC2_SDA/USART3_RX		TM1_CH2/USART3_RTS/SPI2_MISO/PB14	74
72	VSS_1		PTM1_CH1/USART3_CTS/SPI2_SCK/B13	73
73	VDD_1		TM1_BKIN/USART3_CK/DC2_SMBAL/SPI2_NSS/PB15	72



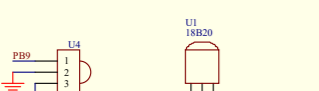
nRF24L01接口



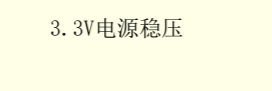
SPI FLASH



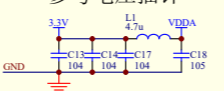
参考电压插针



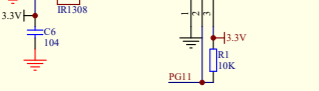
TFT-LCD液晶接口



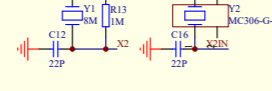
3.3V电源稳压



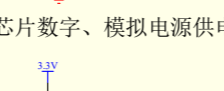
芯片数字、模拟电源供电



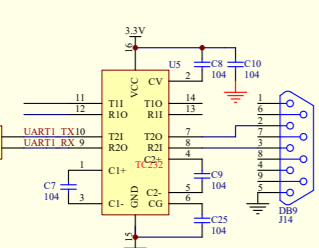
一体红外接收头



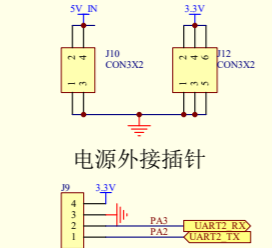
晶振



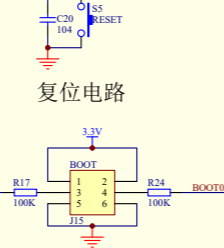
复位电路



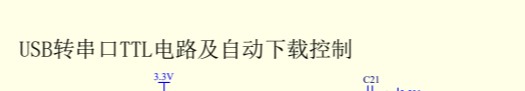
串口通讯 MAX3232转换



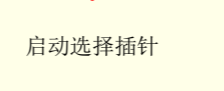
UART2外接接口



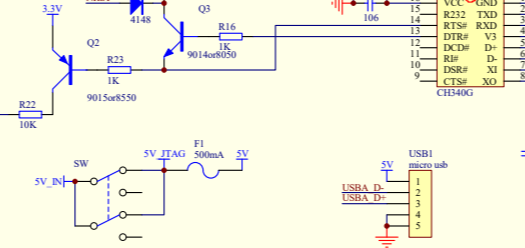
电源外接插针



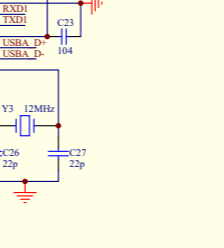
USB转串口TTL电路及自动下载控制



启动选择插针



电源开关



转串口USB接口

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