

		J5			
	<u>1</u>	GND	VCC3.3	2	+3.3V
DBG_DC	3	P2.2	P2.1	4	DBG_DD
	5	P2.0	P1.7	6	DOUT
MOSI	7	P1.6	USB_P	8	DP
DM	9	USB_M	P1.5	10	SCLK
/CS	11	P1.4	P1.3	12	P13
RST	13	RST	P0.0	14	DATA
D0	15	P0.1	P0.2	16	RXD
	17	P0.3	P0.4	18	
TXD	19	P0.5	P0.6	20	
	21	P0.7	P1.0	22	
	23	P1.1	P1.2	24	
CC2540					

Pin configuration diagram for the DC3-2.54-2X5P connector:

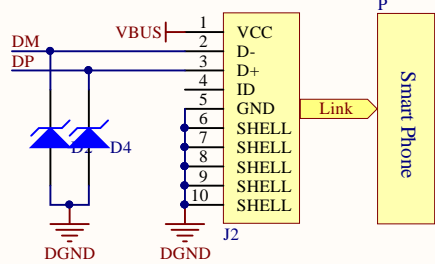
Pin	Signal
1	GND (J6)
2	+3.3V
3	DBG DC
4	DBG DD
5	/CS
6	SCLK
7	RST
8	DIN (MOSI)
9	DOUT (MISO)
10	+3.3V

Connector: DC3-2.54-2X5P

Schematic diagram of the RS-485 interface circuit. It shows a MISO connector with TXD and RXD pins. TXD is connected to a 22Rf resistor (R5) and then to pin 1 of the J1 connector. RXD is connected to a 22Rf resistor (R7) and then to pin 2 of the J1 connector. Pin 3 of J1 is connected to a +3.3V supply through a diode. Pin 4 of J1 is connected to GND. The J1 connector is labeled J-D2.45-1*4.

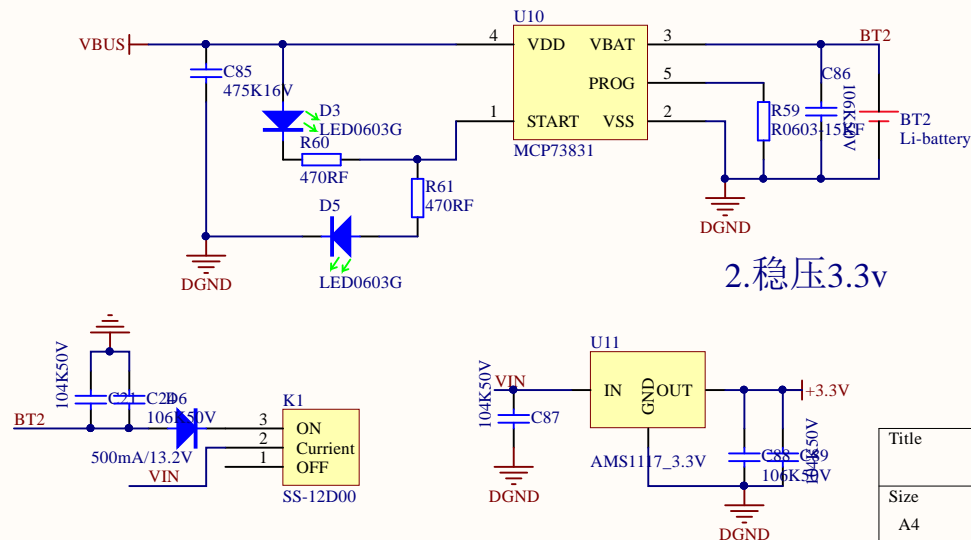
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USB/Power



PHONE

Smart Phone



2.稳压3.3v

- 1.MCU: CC2540 插针型主控
2. 接口: SPI, Uart, USB, CCdebug;
3. LED: IO-P1.3 ;
4. 电池: 可充电纽扣电池
5. Sensor: DHT11 和 SW420

Debug : 只适用于DHT11,单总线方式

Title			
Size A4	Number		Revision
Date:	2019/1/8	Sheet	of
File:	D:\2018_hust_files\...\diapers.SchDoc	Drawn By:	

Comment	Description	Designator	Footprint	LibRef	Quantity
Li-battery	纽扣电池LIR2023	BT2	LIR2032	Li-batttery	1
104K50V	贴片电容-陶瓷	C1, C2, C21, C87, C89	C0603	C0603X7R-104K50V	5
106K50V	贴片电容-陶瓷	C24, C86, C88	C0603	C0603X7R-106K50V	3
475K16V	贴片电容-陶瓷	C85	C0603	C0603X7R-475K16V	1
LED0603G	贴片二极管-LED	D1, D3, D5, D7, D8, D9	D-LED0603G	DLED-0603-G	6
ESDA_TR1/0603	Zener Diode	D2, D4	HS_0603D	D Zener	2
500mA/13.2V	500mA/13.2V 自恢复保险丝	D6	D1206	1206MSD	1
J-D2.45-1*4	J-D2.45-1*4	J1, J3	D2.54-1*4P	J-D2.54-1*4单排排母	2
USB-MINI-SOCKET	USB-A卧式插座	J2	MICRO-USB - 5.9	J-USB-MINI-SOCKET	1
CC2540	蓝牙主控模块的接口	J5	PCBComponent_1	CC2540	1
DC3-2.54-2X5P	简牛插座-直针	J6	DC3-2.54-2X5P	J-DC3-2.54-2X5P	1
SS-12D00	SS-12D00	K1	SS-12D00	SS-12D00(1P2T) 立式 柄高5MM	1
3*6*5	贴片-卧式轻触开关	K5	S-K3*6	3*6*5	1
SW420	长闭震动开关	M1	SW420	SW420	1
PHONE		P		PHONE	1
1KF	贴片电阻-通用	R1, R4	R0603	R0603-1KF	2
10KF	贴片电阻-通用	R2, R3	R0603	R0603-10KF	2
22RF	贴片电阻-通用	R5, R7	R0603	R0603-22RF	2
3KF	贴片电阻-通用	R22, R23	R0603	R0603-3KF	2
R0603-15KF	贴片电容-通用	R59	R0603	R0603-15KF	1
470RF	贴片电阻-通用	R60, R61	R0603	R0603-470RF	2
10k	电位器精密可调电阻	R3362	R3326P	R3362-10K	1
LM393-DR	双路比较器	U1	LM393	LM393-DR	1
MCP73831	charge IC	U10	SOT23-5N	MCP73831	1
AMS1117_3.3V	AMS1117_3.3V	U11	SOT-223	AMS1117-3.3V	1

J5

