

A

B

C

D

2

3

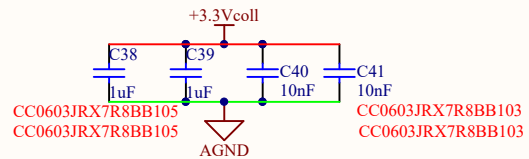
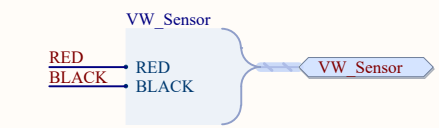
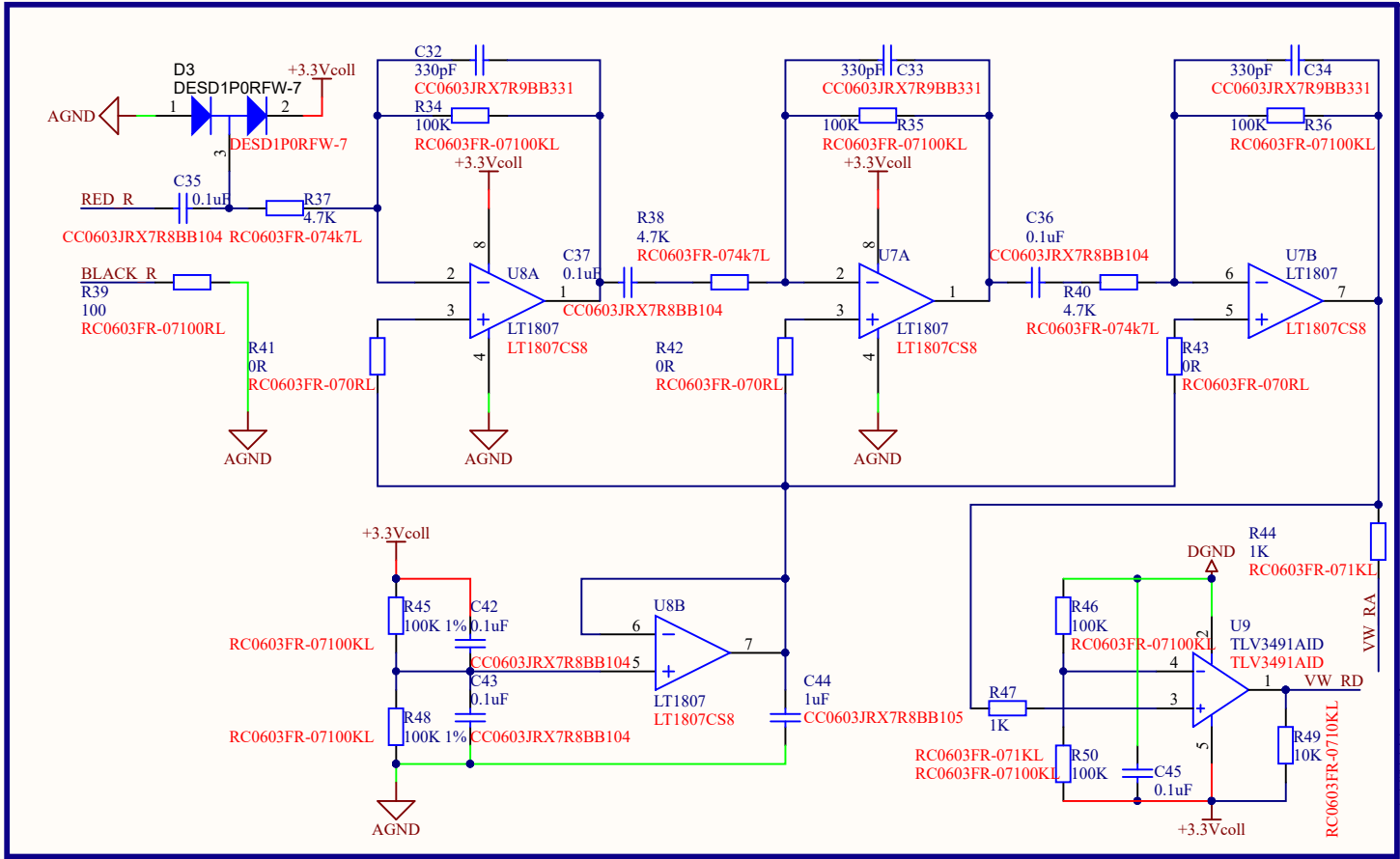
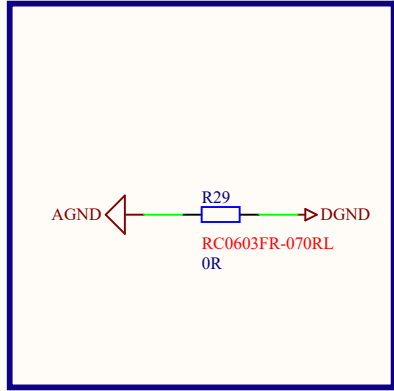
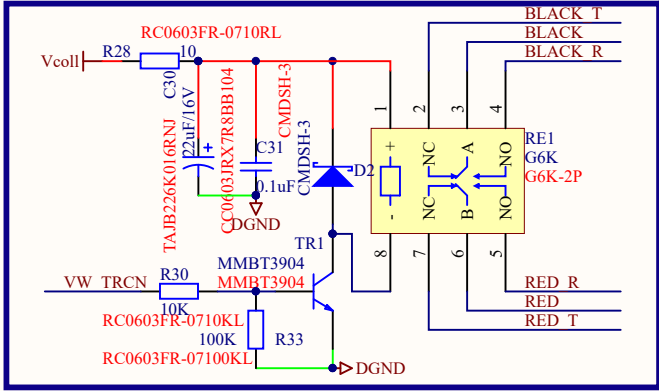
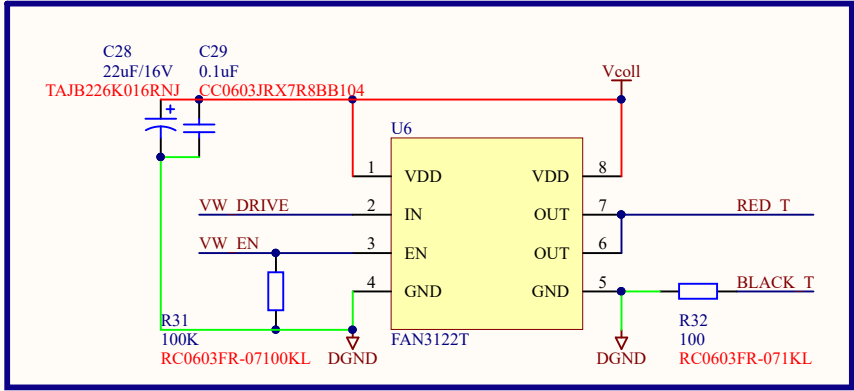
4

A

B

C

D



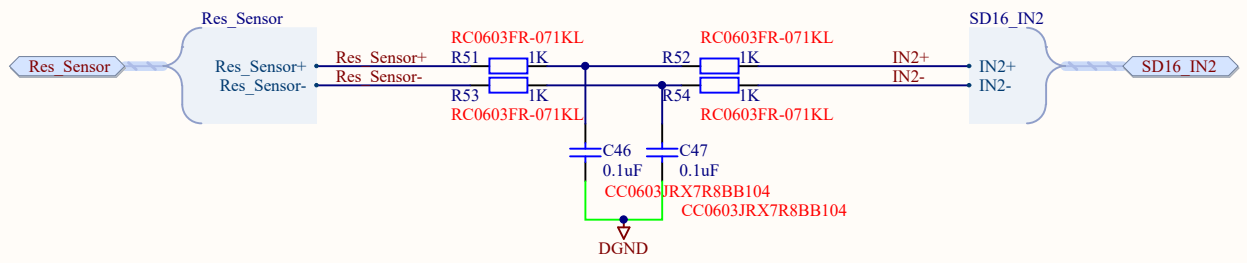
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	绘制:	*
	审核:	
第 * 页, 共 * 页	日期:	2016/3/9

1

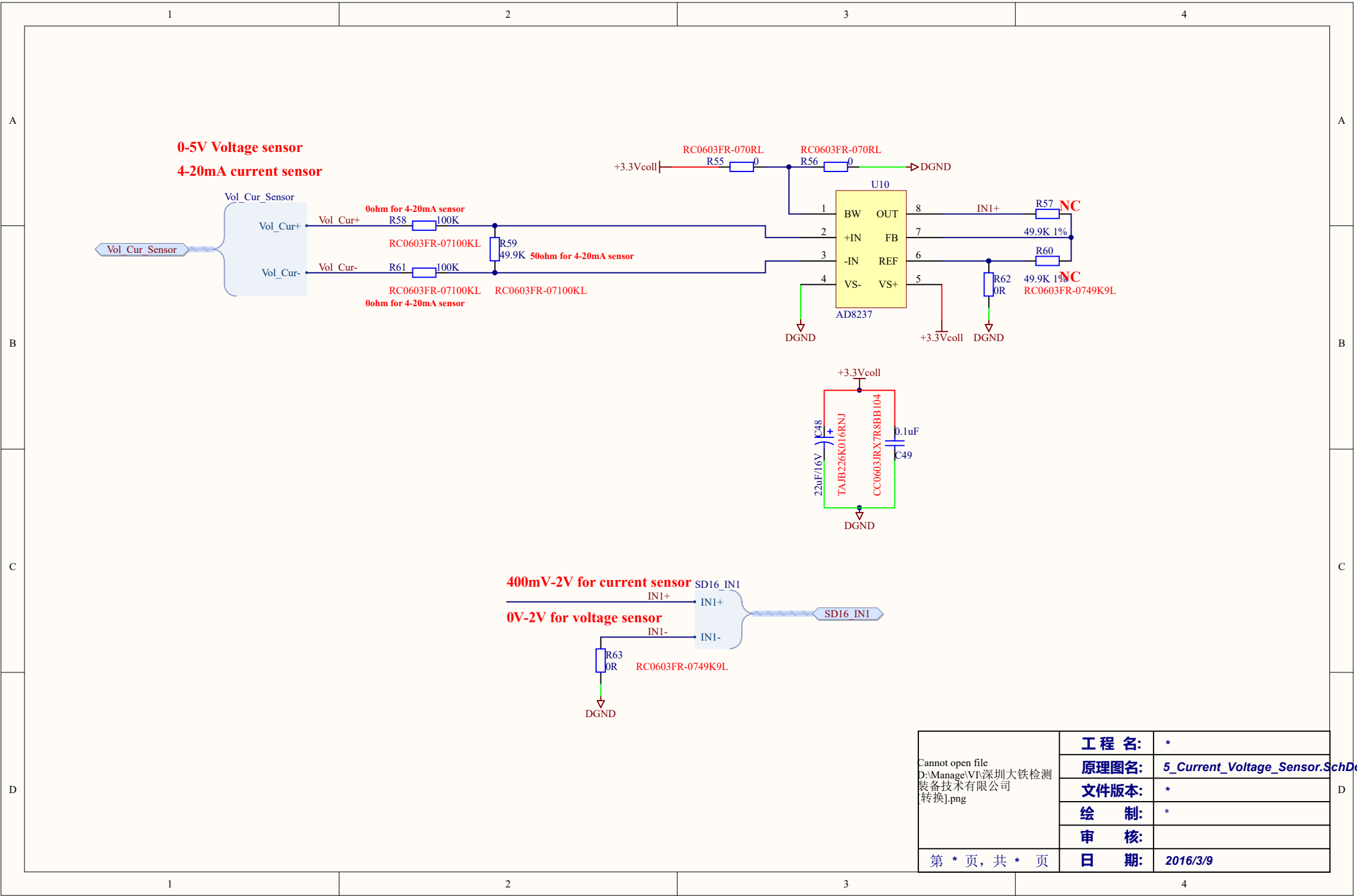
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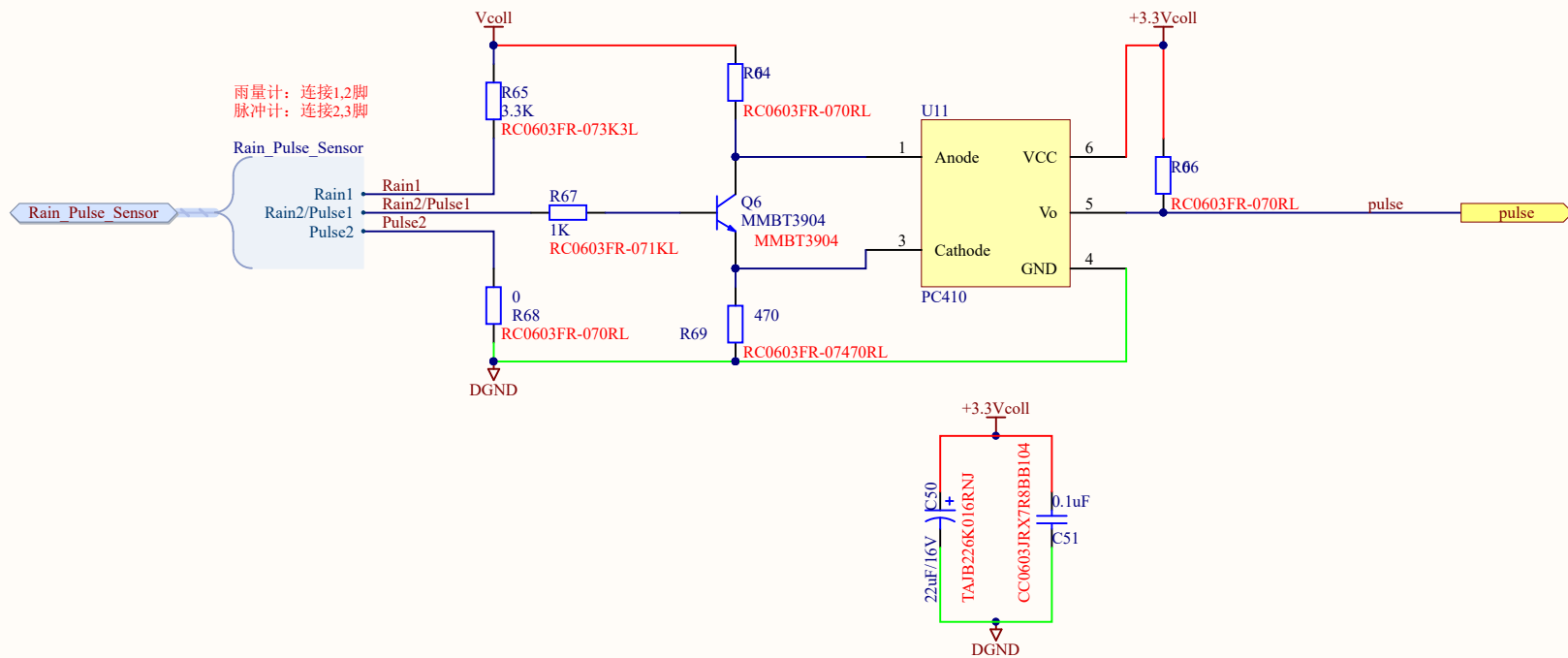
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4

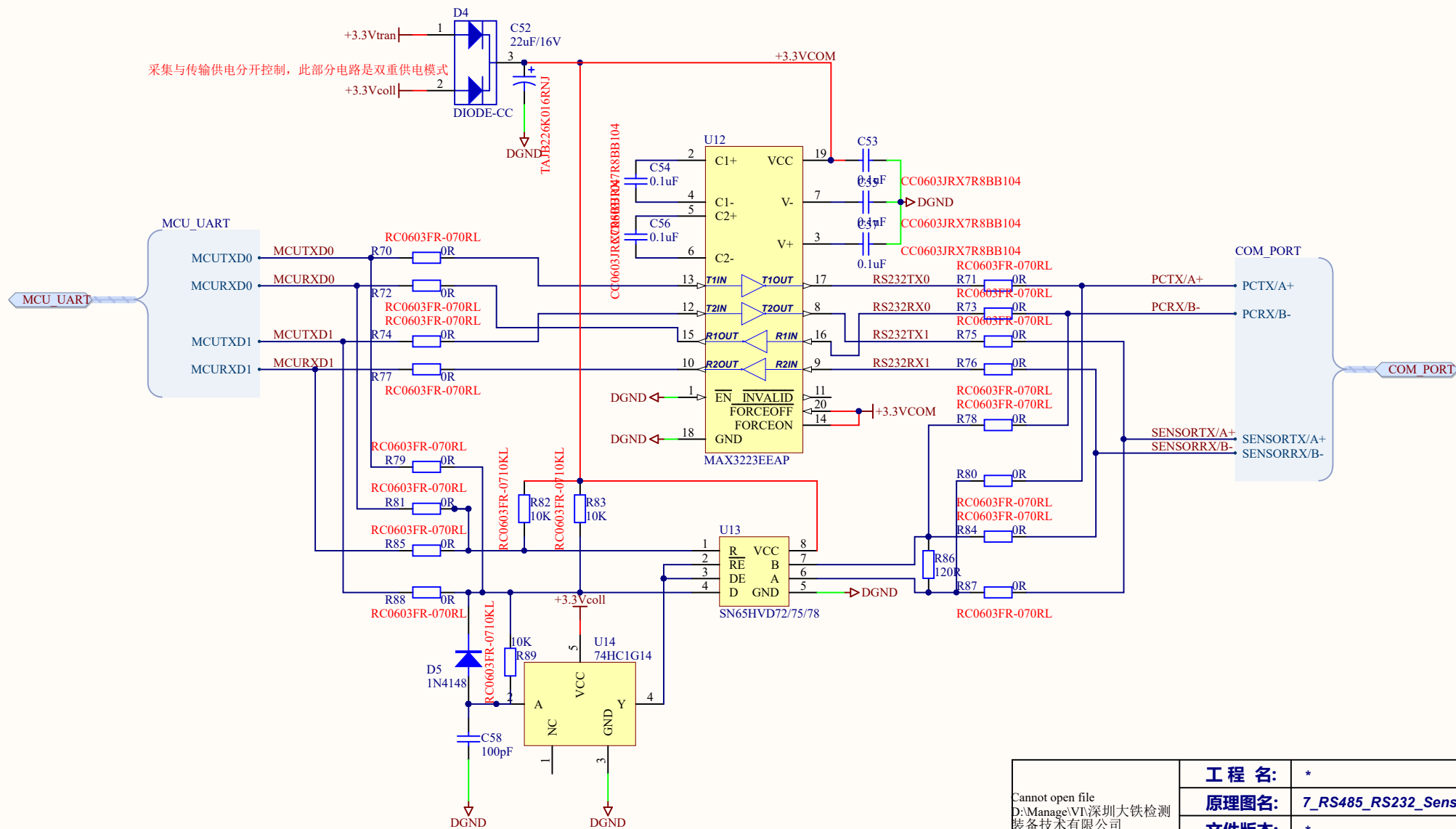


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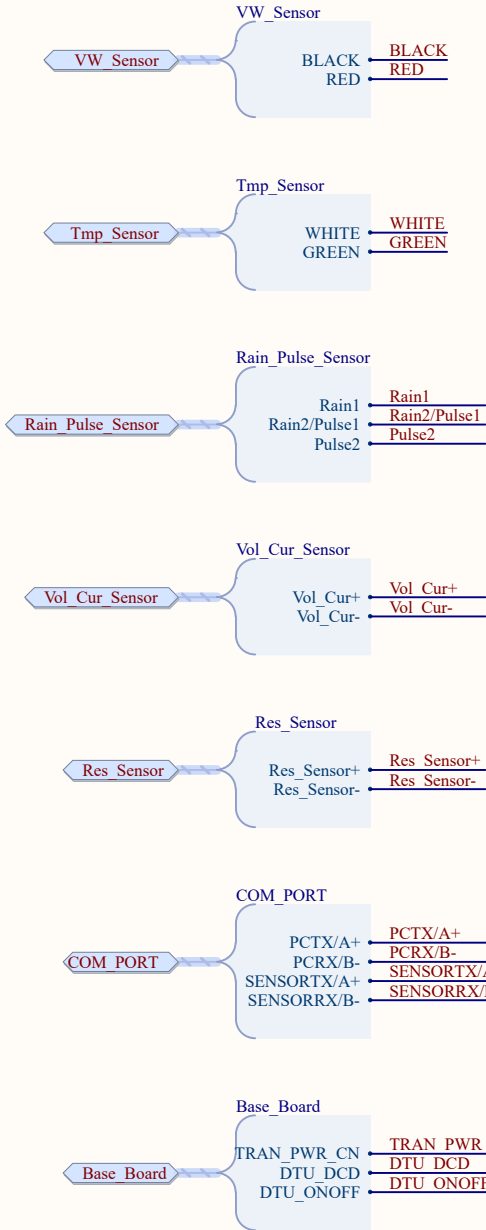




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第 * 页, 共 * 页	日 期:	2016/3/9



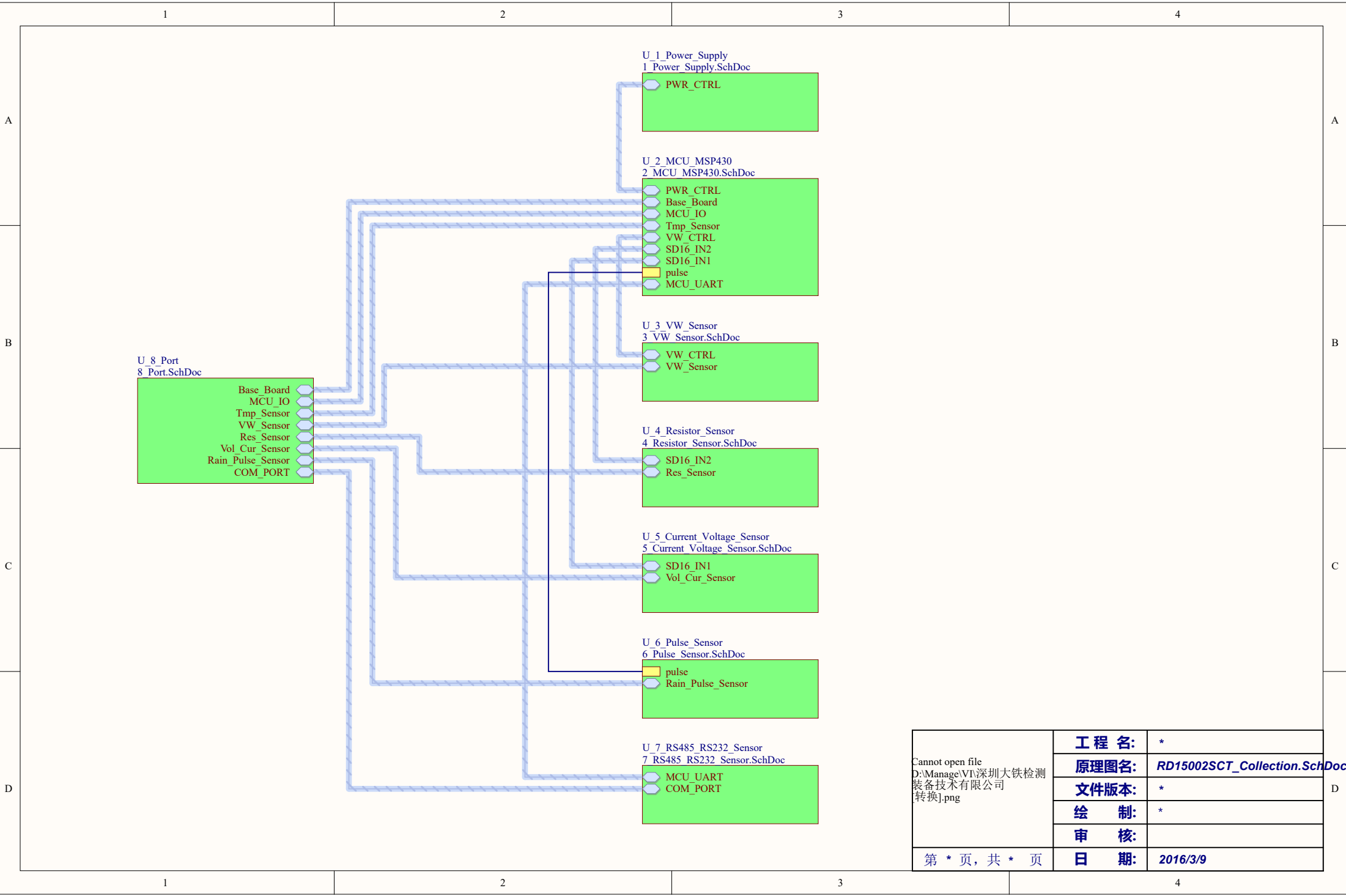
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第 * 页, 共 * 页	日期:	2016/3/9



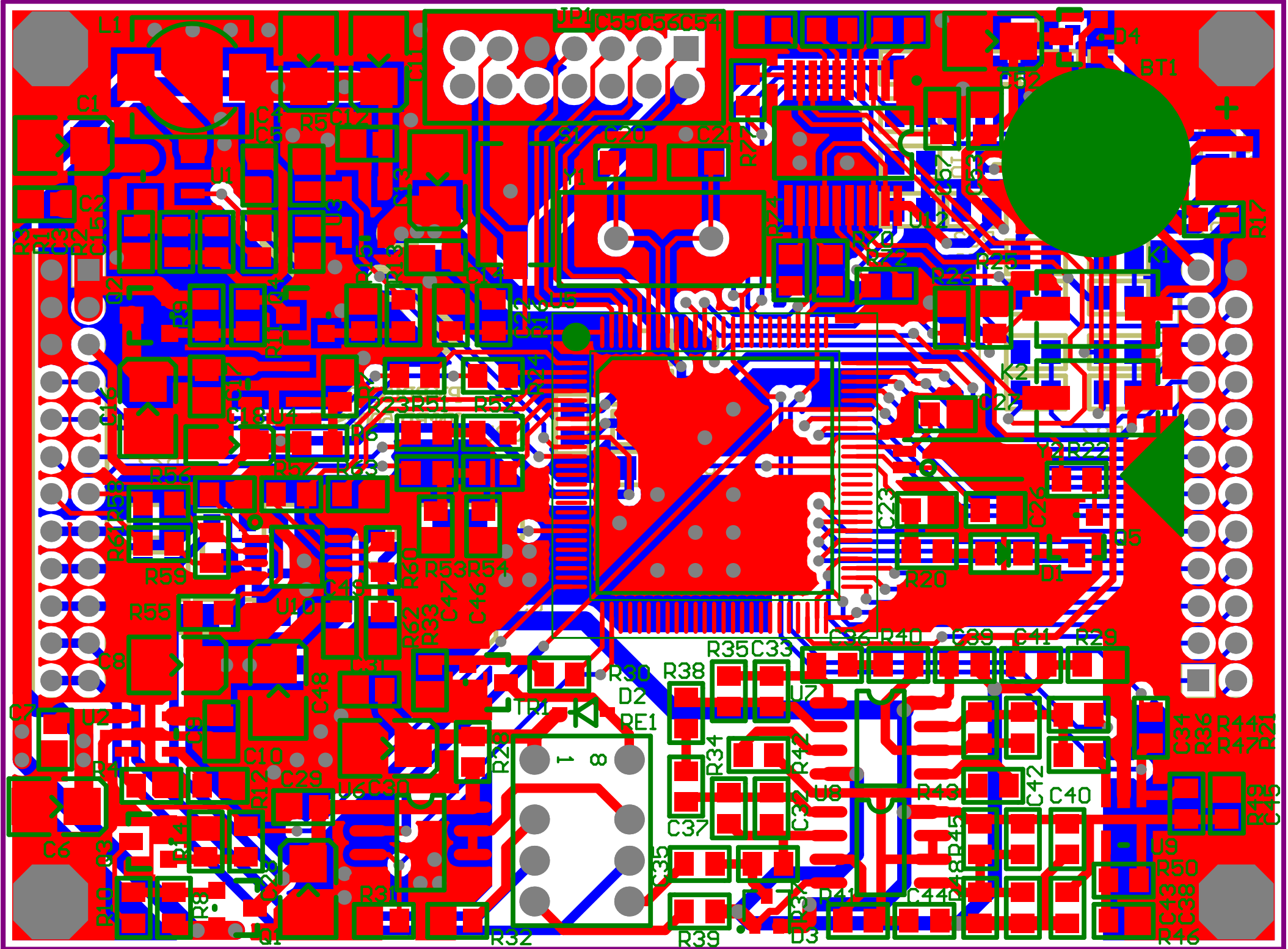
IP2			
DTU_ONOFF	1	2	DTU_DCD
P4.3	3	4	TRAN_PWR_CN
P4.1	5	6	P4.2
P5.2	7	8	P5.1
P5.4	9	10	P5.3
P3.6	11	12	P3.7
P3.3	13	14	P3.4
P3.1	15	16	P3.2
P2.7	17	18	P3.0
SENSORTX/A+	19	20	SENSORTX/B-
PCRX/B-	21	22	PCRX/B-
+3.3Vtrn	23	24	DGND

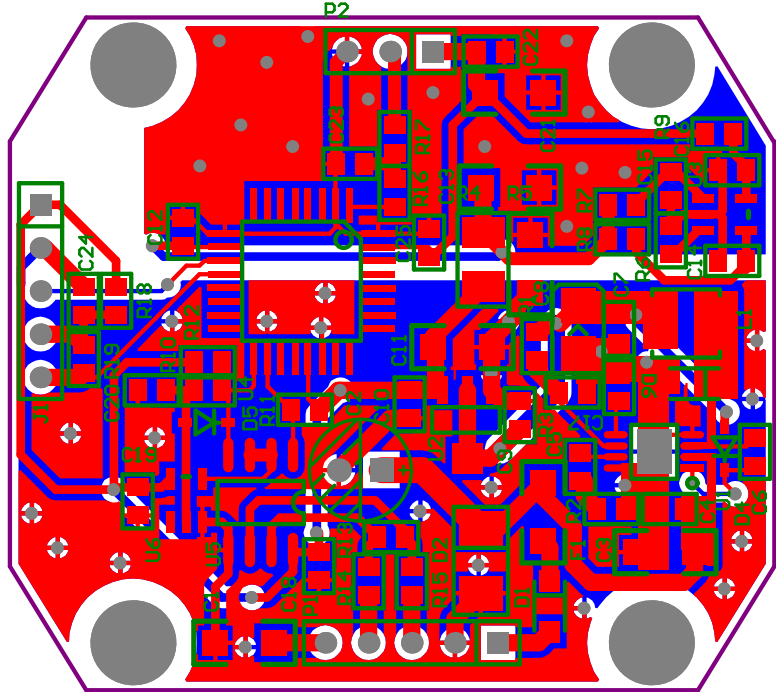
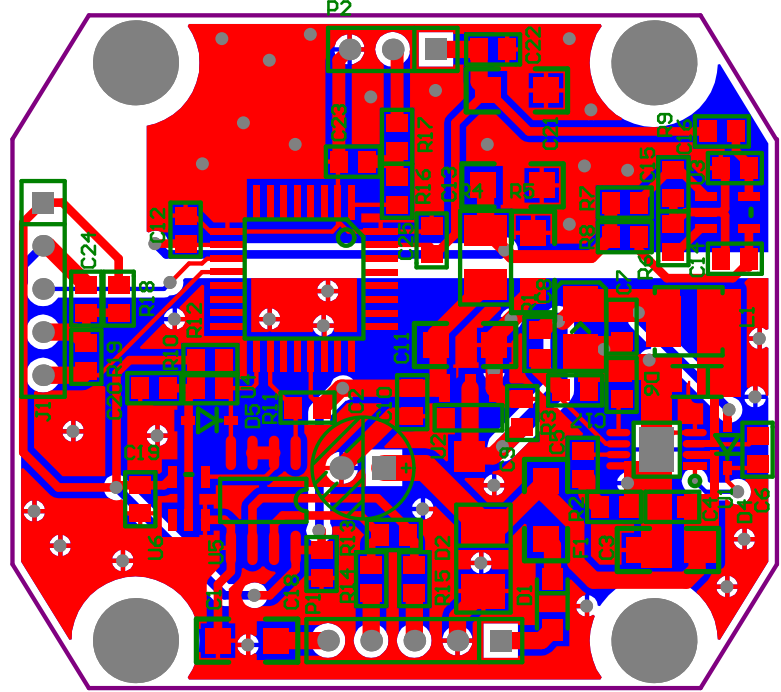
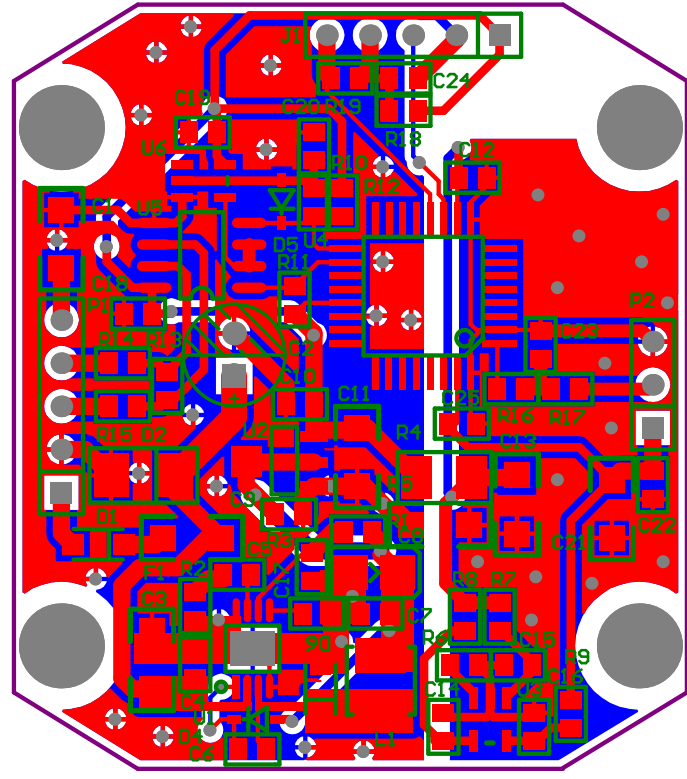
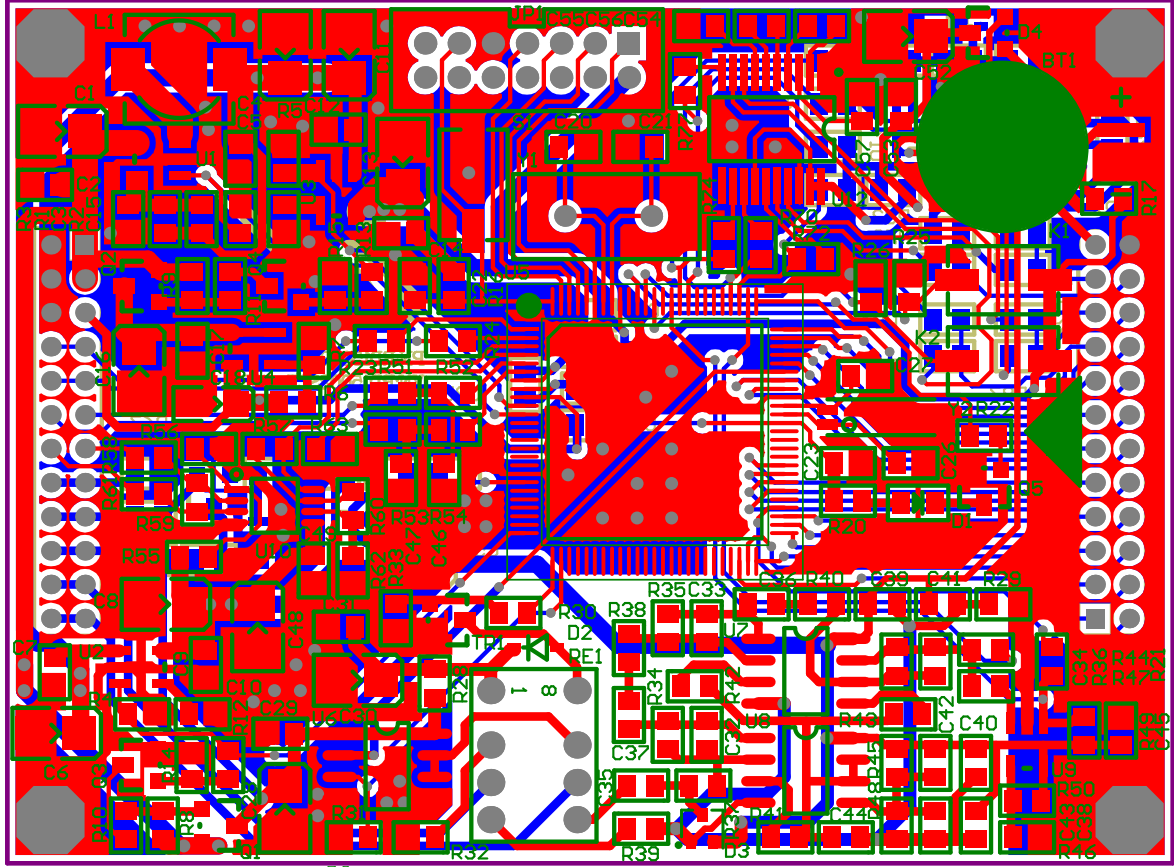
IP3			
Vbat	1	2	DGND
Vbat	3	4	DGND
Vref	5	6	DGND
WHITE	7	8	WHITE
GREEN	9	10	GREEN
Res_Sensor+	11	12	Res_Sensor-
Vol_Cur+	13	14	Vol_Cur-
Pulse2	15	16	Pulse2
Rain2/Pulse1	17	18	Rain2/Pulse1
Rain1	19	20	Rain1
BLACK	21	22	BLACK
RED	23	24	RED

Title		
Size	Number	Revision
A4		
Date:	2016/3/9 星期三	Sheet of
File:	E:\PROJECT\8 Port.SchDoc	Drawn By:



Cannot open file D:\Manage\VI\深圳大铁检测 装备技术有限公司 [转换].png	工程 名:	*
	原理图名:	RD15002SCT_Collection.SchDoc
	文件版本:	*
	绘 制:	*
	审 核:	
第 * 页, 共 * 页	日 期:	2016/3/9





Bill of Materials

<Parameter Title not found>

Source Data From: RD15002SCT_Collection_20160216.PrjPcb
Project: RD15002SCT_Collection_20160216.PrjPcb
Variant: None

Creation Date: 2016/3/9 星期三 下午 5:19:59
Print Date: 42438 42438.72234

Footprint	Comment	LibRef	Designator	Description	Quantity
MS920T	MS920T	Battery	BT1	Multicell Battery	1
CB3528	22uF/16V	Cap Pol1	C1, C4, C6, C8, C11, C13, C16, C28, C30, C48, C50, C52	Polarized Capacitor (Radial)	12
CC0603	0.1uF	Cap	C2, C5, C7, C9, C10, C12, C14, C15, C17, C23, C24, C25, C29, C31, C35, C36, C37, C42, C43, C45, C46, C47, C49, C51, C53, C54, C55, C56, C57	Capacitor	29
CC0603	100pF	Cap	C3, C58	Capacitor	2
CA3216	10uF/16V	Cap Pol1	C18	Polarized Capacitor (Radial)	1
CC0603	33nF	Cap	C19	Capacitor	1
CC0603	22pF	Cap	C20, C21, C26, C27	Capacitor	4
CC0603	1uF	Cap	C22, C38, C39, C44	Capacitor	4
CC0603	330pF	Cap	C32, C33, C34	Capacitor	3
CC0603	10nF	Cap	C40, C41	Capacitor	2
D0805	LED	LED	D1		1
SOD323	CMDSH-3	D Schottky	D2	Schottky Diode	1
SOT-323	DESD1P0RFW-7	BAV99WT1G	D3	TVS DIODE,70V VWM,8VC,SOT-323	1
SOT-23W	DIODE-CC	DIODE-CC	D4		1
SOD323	1N4148	DIODE	D5		1
IDC14-2.0MM	JTAG	Header2*7	JP1		1
IDC24-2.0MM-INSERT	Header2*12	Header2*12	JP2, JP3		2
SPST	F4	KEY_1	K1		1
SPST	F3	KEY_1	K2		1
SLF6025	10uH	Inductor	L1	Inductor	1
SOT-23W	CJ2301	P-MOSFET1	Q1, Q2		2
SOT-23W	MMBT3904	NPN	Q3, Q4, Q5, Q6, TR1		5
CC0603	105K	Res2	R1	Resistor	1
CC0603	100K	Res2	R2, R4, R5, R31, R33, R34, R35, R36, R46, R50, R58, R61	Resistor	12
CC0603	20K	Res2	R3, R6, R7	Resistor	3
CC0603	47K 1%	Res2	R8, R9	Resistor	2
CC0603	47K	Res2	R10, R11	Resistor	2
CC0603	4.7K	Res2	R12, R13, R37, R38, R40	Resistor	5
CC0603	10K	Res2	R14, R15, R16, R30, R49, R82, R83, R89	Resistor	8
CC0603	22R	Res2	R17	Resistor	1
CC0603	0	Res2	R18, R19, R21, R23, R24, R27, R55, R56, R64, R66, R68	Resistor	11
CC0603	200R	Res2	R20	Resistor	1
CC0603	1K	Res2	R22, R44, R47, R51, R52, R53, R54, R67	Resistor	8
CC0603	12K	Res2	R25, R26	Resistor	2
CC0603	10	Res2	R28	Resistor	1
CC0603	0R	Res2	R29, R41, R42, R43, R62, R63, R70, R71, R72, R73, R74, R75, R76, R77, R78, R79, R80, R81, R84, R85, R87, R88	Resistor	22
CC0603	100	Res2	R32, R39	Resistor	2
CC0603	100K 1%	Res2	R45, R48	Resistor	2
CC0603	49.9K 1%	Res2	R57, R60	Resistor	2
CC0603	49.9K	Res2	R59	Resistor	1
CC0603	3.3K	Res2	R65	Resistor	1
CC0603	470	Res2	R69	Resistor	1
CC0603	120R	Res2	R86	Resistor	1
G6K	G6K	G6K	RE1		1
SPST	RESET	SW-PB	S1	Switch	1
SOT-23-5	TPS560200	TPS560200	U1		1
SOT-23-5	LP2985-3.3	LP2985	U2, U3		2
SOT-23-5	LM4121-ADJ/1.2	LM4121-ADJ/1.2	U4		1
TQFP100	MSP430F47126	MSP430F47126	U5		1
SO-8	FAN3122T	FAN3122	U6		1
SO-8	LT1807	LM833N	U7, U8		2
SOT-23-5	TLV3491AID	TLV3491AID	U9		1
MSOP8	AD8237	AD8237	U10		1
PC410	PC410	PC410	U11		1
TSSOP20	MAX3223EEAP	MAX3223EEAP	U12		1
SO-8	SN65HVD72/75/78	SN65HVD72/75/78	U13		1
SOT-23-5	74HC1G14	74HC1G14	U14		1
XCVAI	1M	XTAL	Y1	Crystal Oscillator	1
MC-146	32.768KHz	MC-146	Y2		1
					184

Approved	Notes