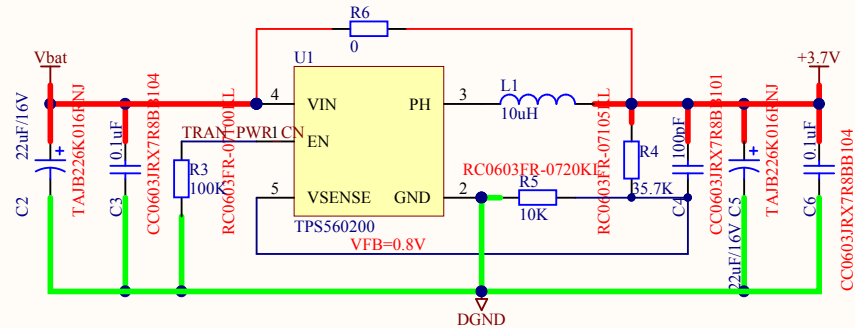
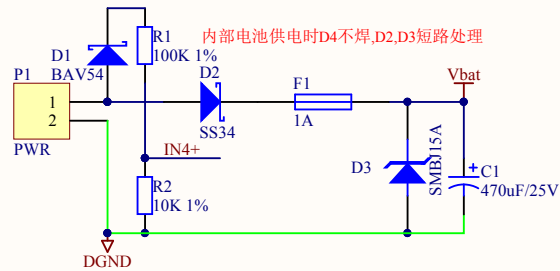


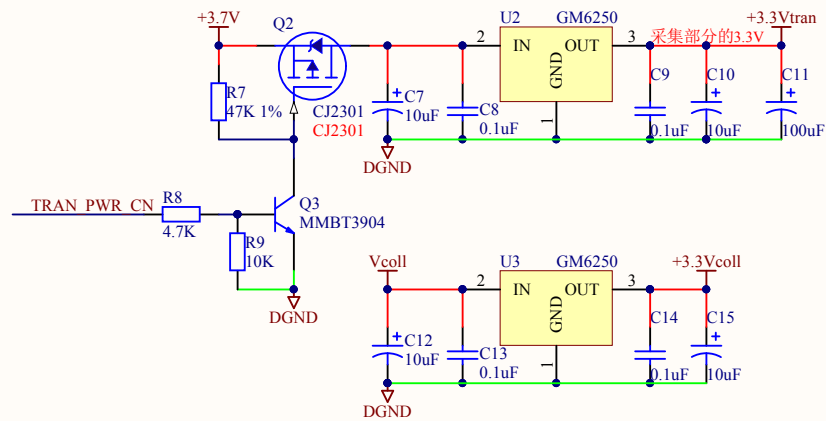
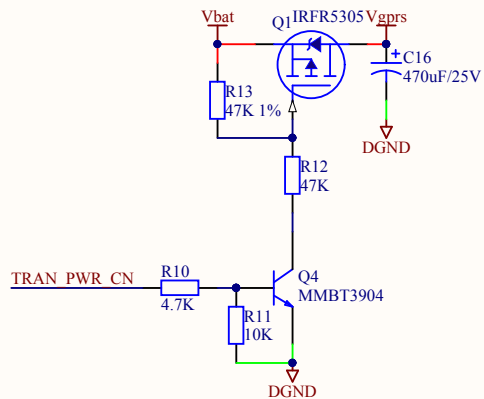
A



A

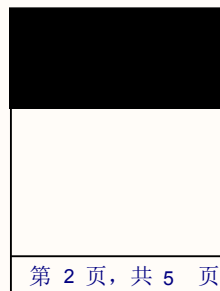
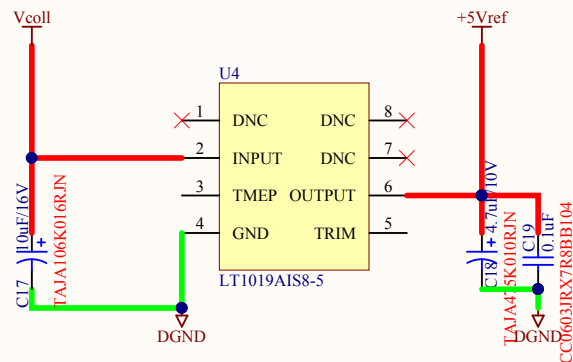
B

为传输部分的大功率电源提供输入

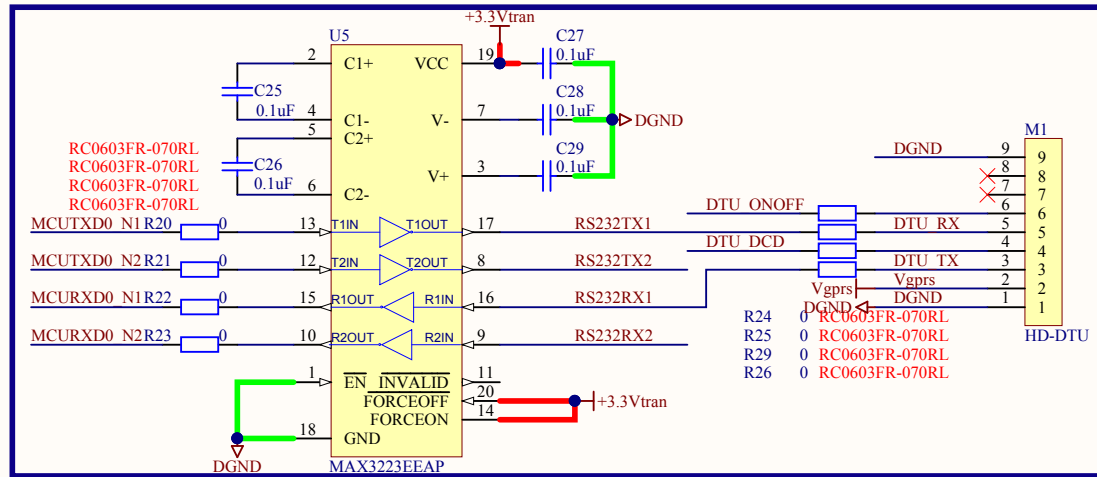


C

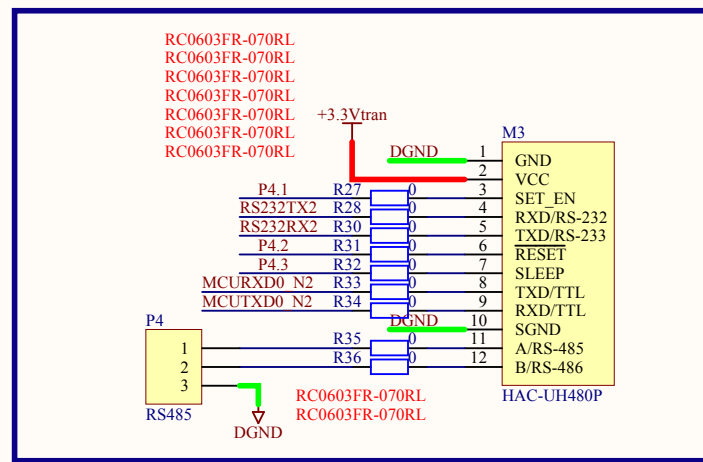
D



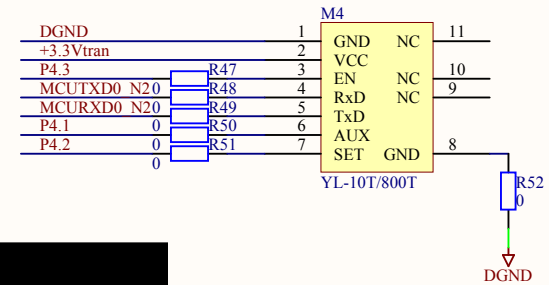
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原理图名:	1_Power_Supply.SchDoc
文件版本:	A1.0
绘制:	王义
审核:	
日期:	2016/4/18



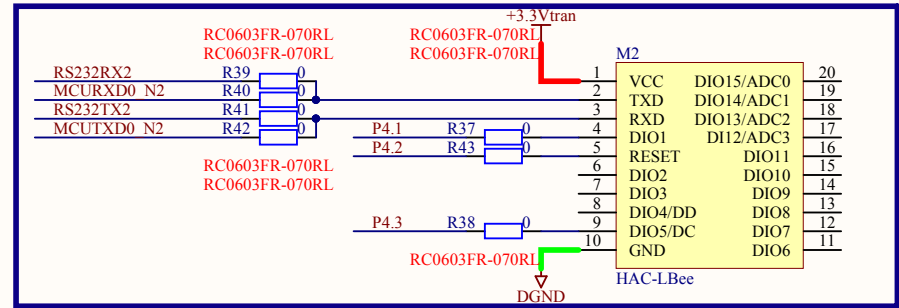
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R29 0 RC0603FR-070RL
R26 0 RC0603FR-070RL



R27 0 RC0603FR-070RL
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R30 0 RC0603FR-070RL
R31 0 RC0603FR-070RL
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R34 0 RC0603FR-070RL
R35 0 RC0603FR-070RL
R36 0 RC0603FR-070RL

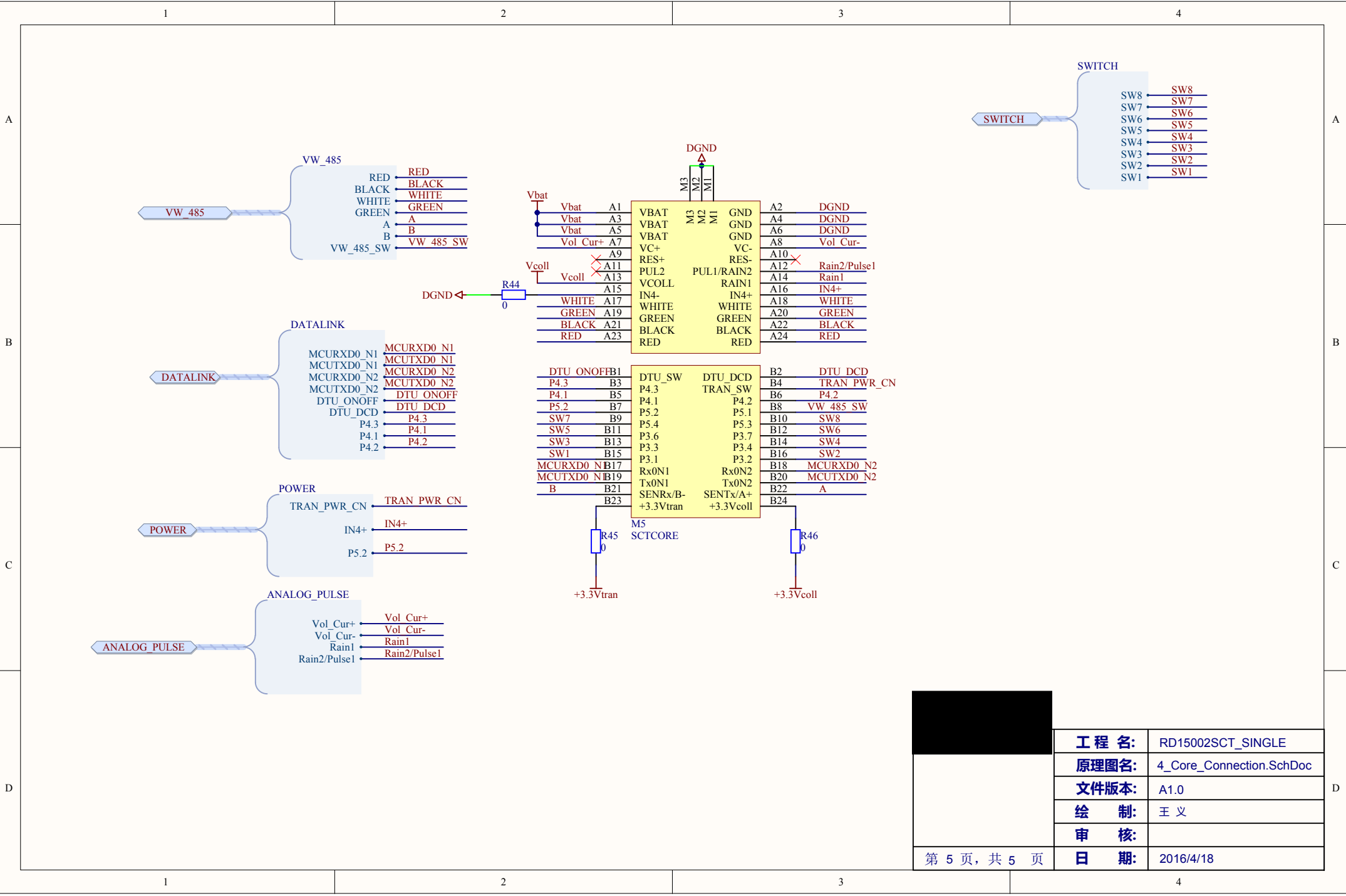


R47 0 RC0603FR-070RL
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R51 0 RC0603FR-070RL

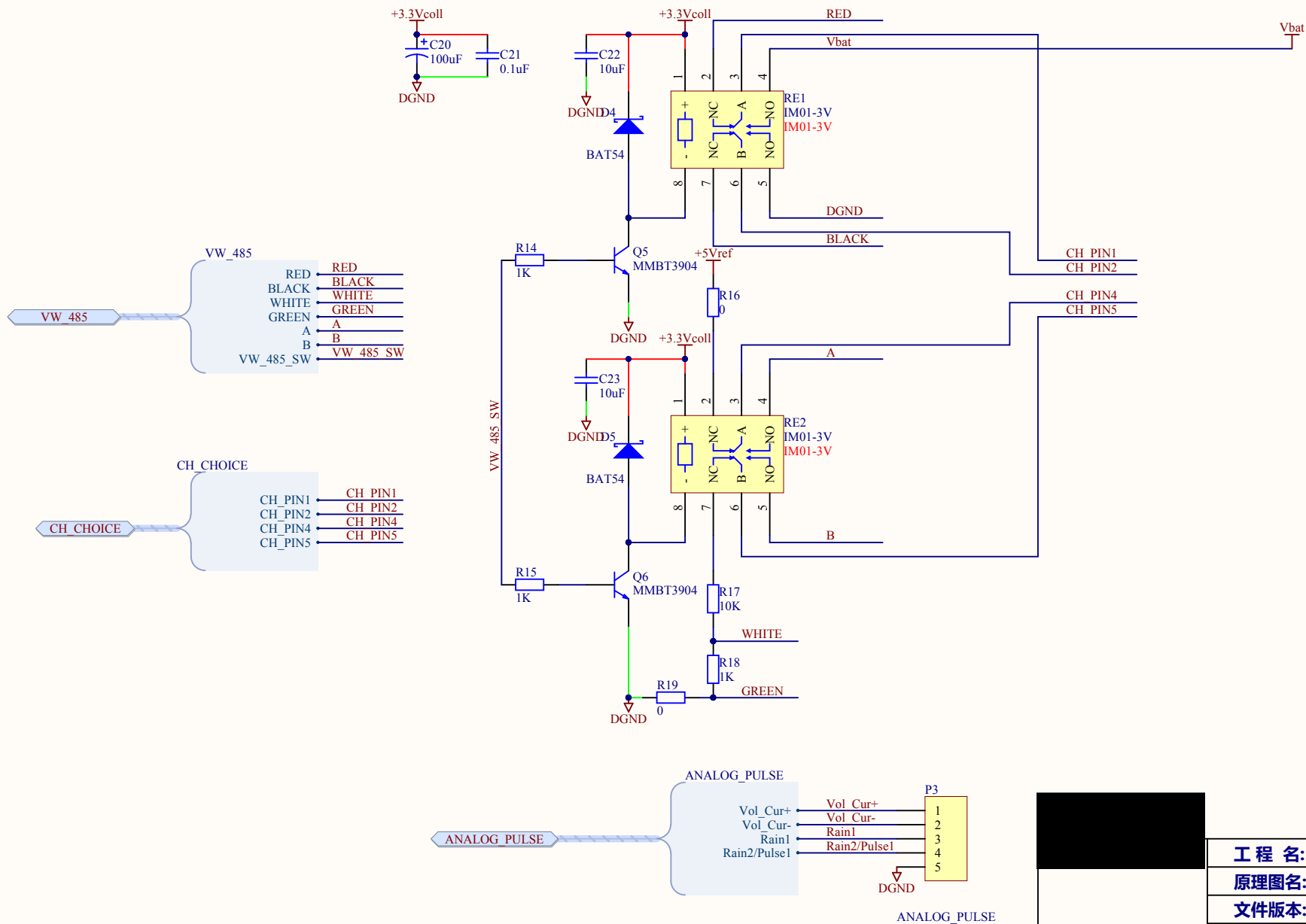


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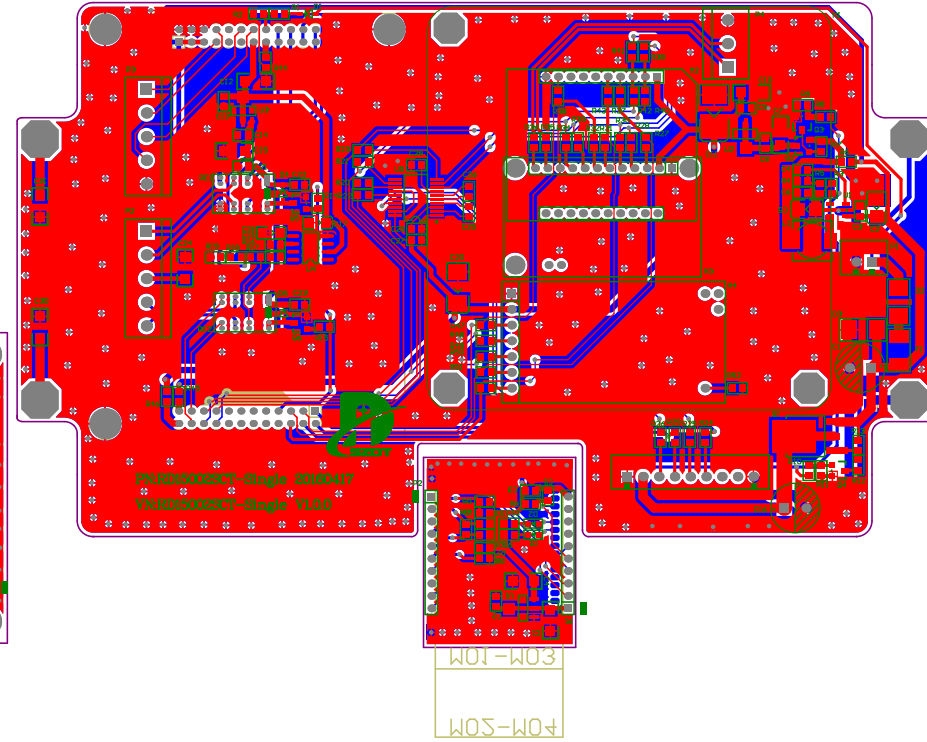
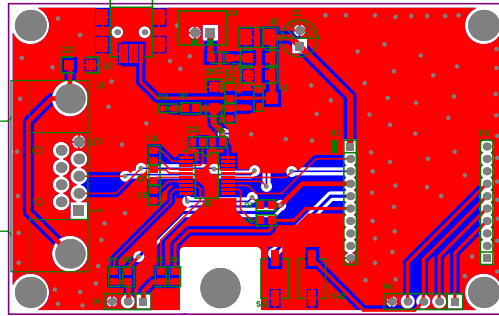
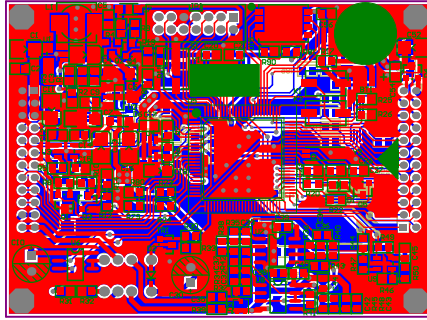
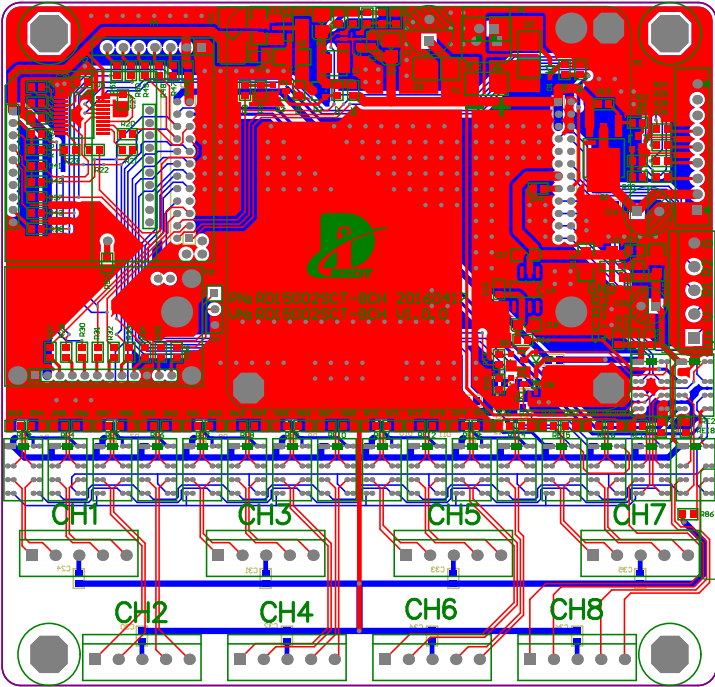
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	绘制:	王义
	审核:	
第 4 页, 共 5 页	日期:	2016/4/18



工程名:	RD15002SCT_SINGLE
原理图名:	4_Core_Connection.SchDoc
文件版本:	A1.0
绘制:	王义
审核:	
日期:	2016/4/18



	工程名:	RD15002SCT_SINGLE
	原理图名:	2_Collection.SchDoc
	文件版本:	A1.0
	绘制:	王义
	审核:	
第 * 页, 共 5 页	日期:	2016/4/18



Comment	Description	Designator	Footprint	LibRef	Quantity
470uF/25V	Polarized Capacitor (Radial)	C1, C16	EC3.5/8MM	Cap Pol1	2
22uF/16V	Polarized Capacitor (Radial)	C2, C5	CB3528	Cap Pol1	2
0.1uF	Capacitor	C3, C6, C8, C9, C13, C14, C19, C21, C25, C26, C27, C28, C29	CC0603	Cap	13
100pF	Capacitor	C4	CC0603	Cap	1
10uF	Polarized Capacitor (Radial)	C7, C10, C12, C15	CC1206	Cap Pol1	4
100uF	Polarized Capacitor (Radial)	C11	CD7343	Cap Pol1	1
10uF/16V	Polarized Capacitor (Radial)	C17	CA3216	Cap Pol1	1
4.7uF/10V	Polarized Capacitor (Radial)	C18	CA3216	Cap Pol1	1
100uF	Polarized Capacitor (Radial)	C20	EC2.5/6MM	Cap Pol1	1
10uF	Capacitor	C22, C23	CC0603	Cap	2
Cap	Capacitor	C24, C30, C31, C32, C33, C34, C35, C36	CC0603	Cap	8
BAV54	Schottky Diode	D1	SOD323	D Schottky	1
SS34	Schottky Diode	D2	SSMB	D Schottky	1
SMBJ15A		D3	SSMB	DIODE ZENER	1
BAT54	Schottky Diode	D4, D5	SOD323	D Schottky	2
CMDSH-3	Schottky Diode	D6, D7, D8, D9, D10, D11, D12, D13	SOD323	D Schottky	8
1A	Fuse	F1	CC1812	Fuse 1	1
CON5	Header, 5-Pin	J1, J2, J3, J4, J5, J6, J7, J8	VQ-3.81-5P	Header 5	8
10uH	Inductor	L1	L0404	Inductor	1
HD-DTU		M1	H7710	CON9	1
HAC-LBee		M2	HAC-LBee	HAC-LBee	1
HAC-UH480P		M3	HAC-UH480P	HAC-UH480P	1
YL-10T/80T		M4	YL-800T	YL-10T/80T	1
SCTCORE		M5	SCTCORE	SCTCORE	1
PWR	Header, 2-Pin	P1	CON2-2.54MM	Header 2	1
ANALOG_PULSE	Header, 5-Pin, Right Angle	P3	VQ-3.81-5P	Header 5H	1
RS485	Header, 3-Pin	P4	SIP3-2.54MM	Header 3	1
IRFR5305		Q1	D-PAK	P-MOSFET	1
CJ2301		Q2	SOT-23W	P-MOSFET1	1
MMBT3904		Q3, Q4, Q5, Q6, TR1, TR2, TR3, TR4, TR5, TR6, TR7, TR8	SOT-23W	NPN	12
100K 1%	Resistor	R1	CC0603	Res2	1
10K 1%	Resistor	R2	CC0603	Res2	1
100K	Resistor	R3	CC0603	Res2	1
35.7K	Resistor	R4	CC0603	Res2	1
10K	Resistor	R5, R9, R11, R17	CC0603	Res2	4
0	Resistor	R6, R16, R19, R20, R21, R22, R23, R24, R25, R26, R27, R28, R29, R30, R31, R32, R33, R34, R35, R36, R37, R38, R39, R40, R41, R42, R43, R44, R45, R46, R47, R48, R49, R50, R51, R52	CC0603	Res2	36
47K 1%	Resistor	R7, R13	CC0603	Res2	2
4.7K	Resistor	R8, R10	CC0603	Res2	2
47K	Resistor	R12	CC0603	Res2	1
1K	Resistor	R14, R15, R18, R53, R54, R55, R56, R57, R58, R59, R60, R61, R62, R63, R64, R65, R66, R67, R68, R69, R70, R71, R72, R73, R74, R75, R76, R77, R78, R79, R80, R81, R82, R83, R84, R85, R86, R87, R88, R89, R90, R91, R92	CC0603	Res2	43
IM01-3V		RE1, RE2	IM01	G6K	2
G6K		RE3, RE4, RE5, RE6, RE7, RE8, RE9, RE10, RE11, RE12, RE13, RE14, RE15, RE16, RE17, RE18	IM01	G6K	16
TPS560200		U1	SOT-23-5	TPS560200	1
GM6250		U2, U3	SOT-89	GM6250	2
LT1019AIS8-5		U4	SO-8	LT1019AIS8-5	1
MAX3223EEAP		U5	WTSSOP20	MAX3223EEAP	1