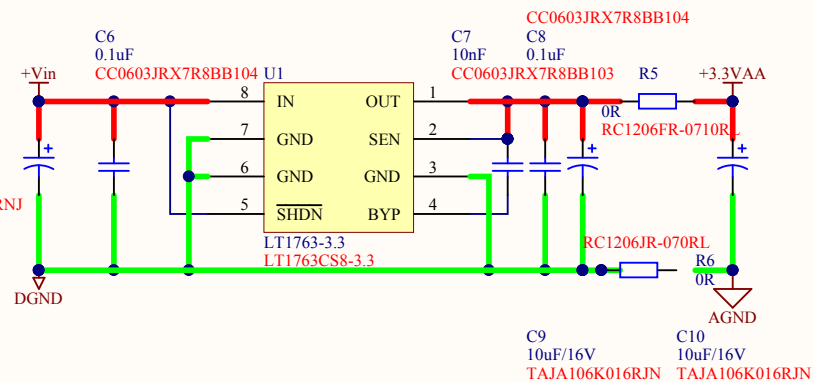
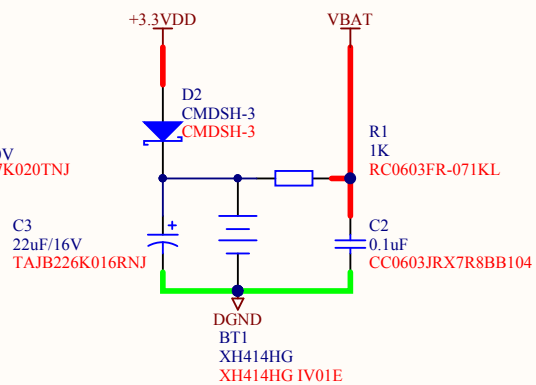
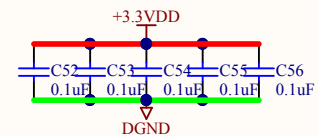
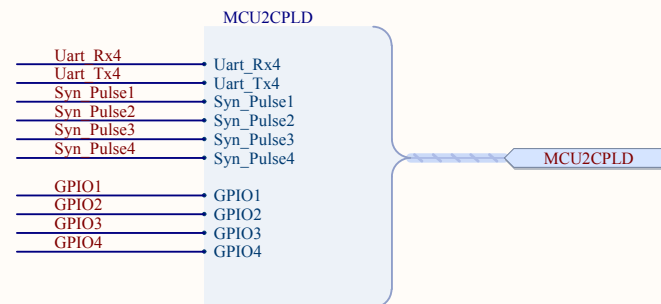
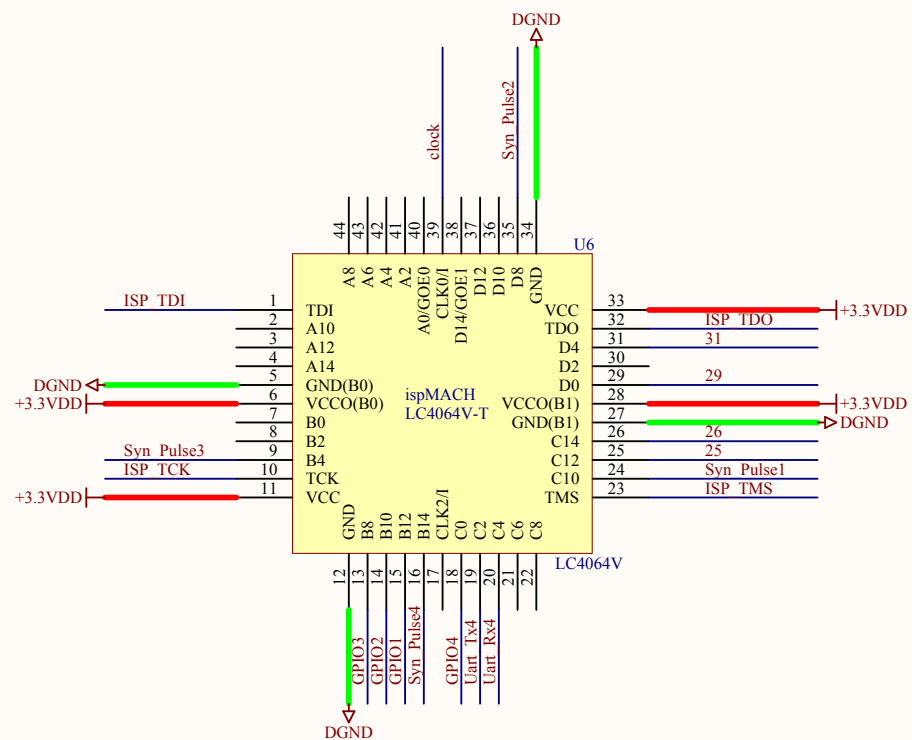
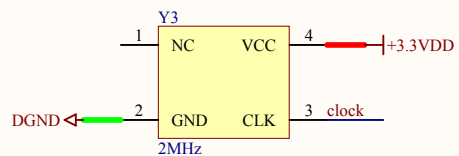
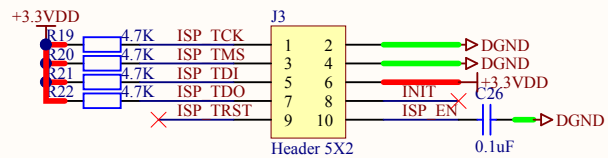


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文件版本:	A1.1
绘制:	王义
审核:	
日期:	2016/5/30

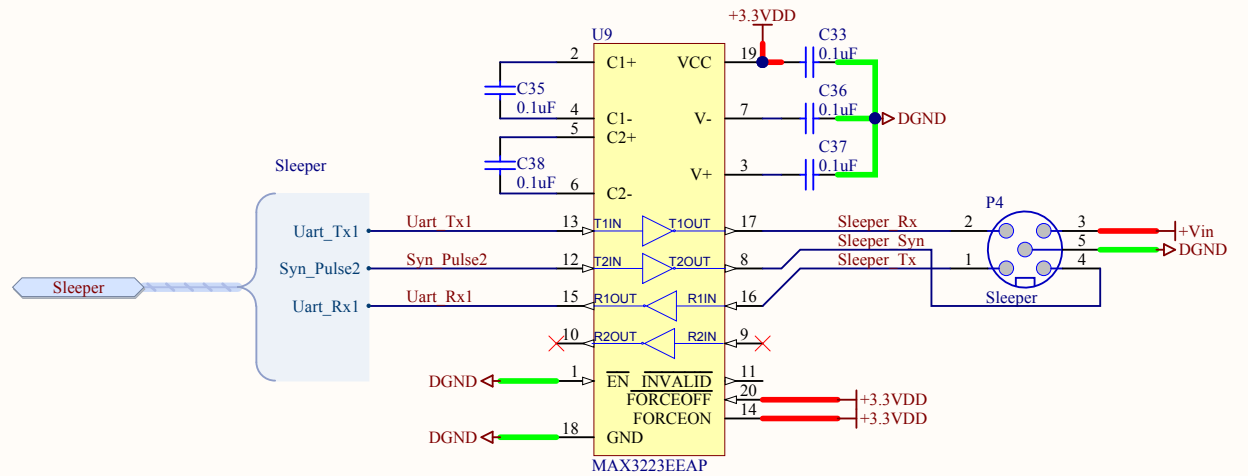
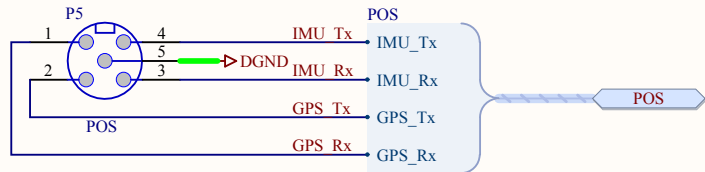
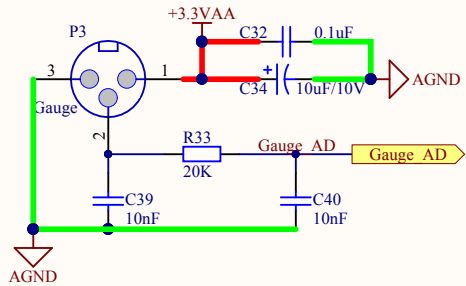
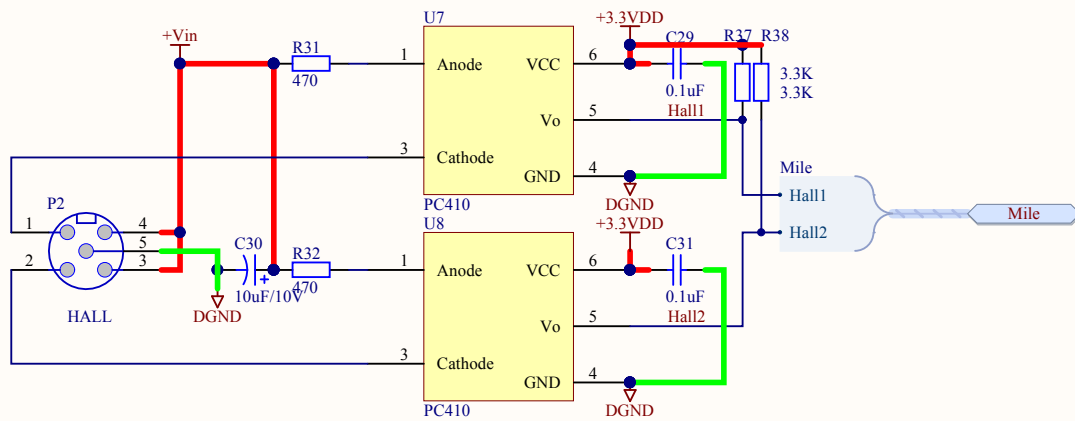


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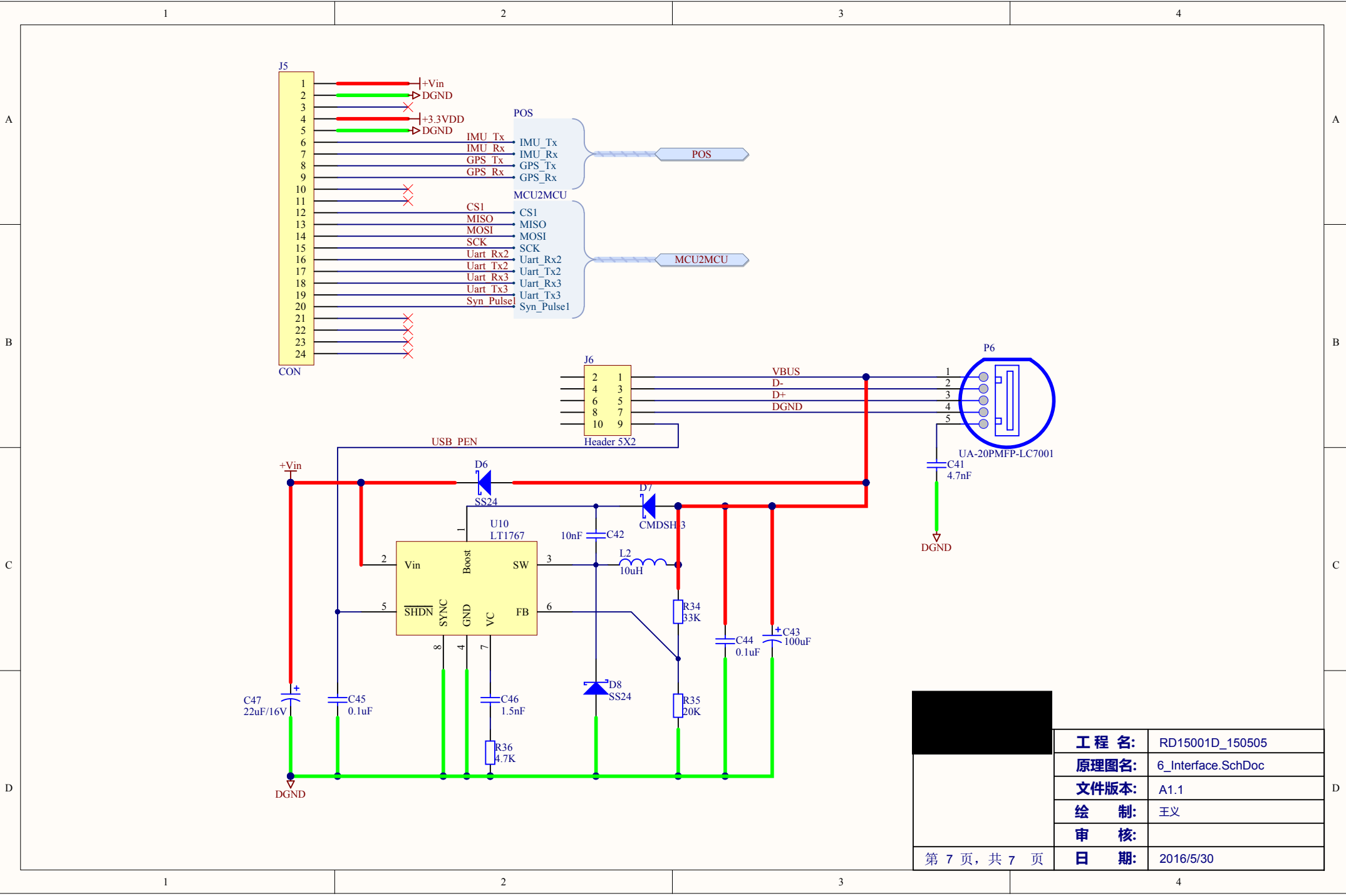


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绘 制:	王义
审 核:	
日 期:	2016/5/30





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	原理图名:	5_Sensor.SchDoc
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	审核:	
第 6 页, 共 7 页	日期:	2016/5/30



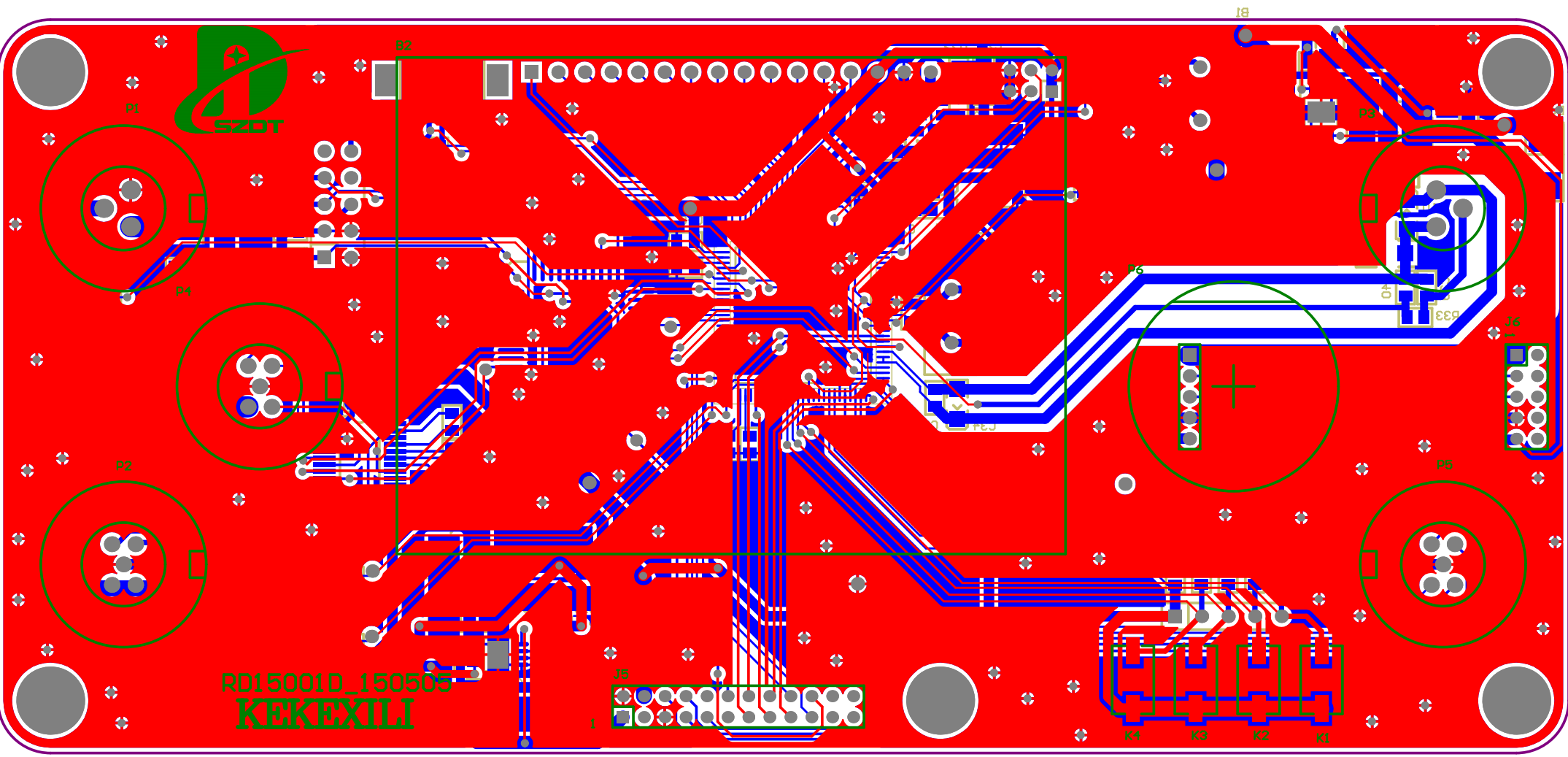
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	审核:	
第 7 页, 共 7 页	日期:	2016/5/30



RD15001D_150505
KEKEXILI

J5
1

K4 K3 K2 K1



Comment	Description	Designator	Footprint	LibRef	Quantity
BEEP		B1	BEEP600	BEEP	1
LM9033A		B2	LM9033	LM9033A	1
XH414HG	Multicell Battery	BT1	XH414HG	Battery	1
100uF/20V	Polarized Capacitor (Surface Mount)	C1	CD7343	Cap Pol3	1
0.1uF	Capacitor	C2, C6, C8, C13, C14, C17, C18, C20, C21, C26, C28, C29, C31, C32, C33, C35, C36, C37, C38, C44, C45, C48, C49, C50, C51, C52, C53, C54, C55, C56	CC0603	Cap	30
22uF/16V	Polarized Capacitor (Radial)	C3, C5, C16, C47	CB3528	Cap Pol1	4
10nF	Capacitor	C4, C7, C39, C40, C42	CC0603	Cap	5
10uF/16V	Polarized Capacitor (Radial)	C9, C10, C12	CA3216	Cap Pol1	3
100uF/6.3V	Polarized Capacitor (Radial)	C11	CC6032	Cap Pol1	1
1.5nF	Capacitor	C15, C46	CC0603	Cap	2
1uF	Capacitor	C19	CC0603	Cap	1
10pF	Capacitor	C22, C24	CC0603	Cap	2
27pF	Capacitor	C23, C25	CC0603	Cap	2
10uF	Polarized Capacitor (Radial)	C27	CA3216	Cap Pol1	1
10uF/10V	Polarized Capacitor (Radial)	C30, C34	CA3216	Cap Pol1	2
4.7nF	Capacitor	C41	CC0603	Cap	1
100uF	Polarized Capacitor (Radial)	C43	CC6032	Cap Pol1	1
SS24	Schottky Diode	D1, D5, D6, D8	SSMB	D Schottky	4
CMD5H-3	Schottky Diode	D2, D4, D7	SOD323	D Schottky	3
5MB/18A	Zener Diode	D3	SMB	D Zener	1
500mA	Fuse	F1	CC1812	Fuse 1	1
BOOT	Header, 3-Pin, Dual row, Right Angle	J1	IDC6-2.0MM	Header 3X2H	1
Header 5	Header, 5-Pin	J2	MOLEX532610571	Header 5	1
Header 5X2	Header, 5-Pin, Dual row	J3	IDC10-2.54MM	Header 5X2	1
KEY	Header, 5-Pin, Right Angle	J4	SIP5-2.54MM	Header 5H	1
CON	Header, 24-Pin	J5	IDC24-2.0MM-INSERT	Header 24	1
Header 5X2	Header, 5-Pin, Dual row	J6	IDC10-2.0MM	Header 5X2	1
F4		K1	SPST	KEY_1	1
F3		K2	SPST	KEY_1	1
F2		K3	SPST	KEY_1	1
F1		K4	SPST	KEY_1	1
10uH	Inductor	L1, L2	SLF6025	Inductor	2
Power		P1	AD-03PMMP-SC7001	AD-03PMMP-SC7001	1
HALL		P2	AU-05PMMP-SC7001	AU-05PMMP-SC7001	1
Gauge		P3	AD-03PMMP-SC7001	AD-03PMMP-SC7001	1
Sleeper		P4	AU-05PMMP-SC7001	AU-05PMMP-SC7001	1
POS		P5	AU-05PMMP-SC7001	AU-05PMMP-SC7001	1
UA-20PMFP-LC7001		P6	LTWUA-20PMFP	UA-20PMFP-LC7001	1
MMBT3904		Q1, Q2, Q4	SOT-23W	NPN	3
MMBT3906		Q3	SOT-23W	PNP	1
1K	Resistor	R1, R3, R12, R26	CC0603	Res2	4
510	Resistor	R2	CC1206	Res2	1
0R	Resistor	R4, R5, R6	CC1206	Res2	3
33K	Resistor	R7, R34	CC0603	Res2	2
20K	Resistor	R8, R33, R35	CC0603	Res2	3
4.7K	Resistor	R9, R19, R20, R21, R22, R36	CC0603	Res2	6
510	Resistor	R11, R23	CC0603	Res2	2
12K	Resistor	R13, R14, R15, R16, R17, R24, R25, R27, R28, R29, R30	CC0603	Res2	11
1M	Resistor	R18	CC0603	Res2	1
470	Resistor	R31, R32	CC0805	Res2	2
3.3K	Resistor	R37, R38	CC0603	Res2	2
SW-PB	Switch	S1	SPST	SW-PB	1
LT1763-3.3		U1	SO-8	LT1763-5	1
LT1767		U2, U10	MS8	LT1767	2
STM32F407VE_100		U3	TQFP100	STM32F407VE_100	1
FM25VN10	M25P16	U4	SO-8	M25P16	1
STM1001TWX6F		U5	SOT-23W	STM1001	1
LC4064V		U6	QFP44	LC4064V	1
PC410		U7, U8	PC410	PC410	2
MAX3223EEAP		U9	TSSOP20	MAX3223EEAP	1
8M	Crystal Oscillator	Y1	KCYAI	XTAL	1
MC-146		Y2	MC-146	MC-146	1
2MHz		Y3	PCRYSTAL	PCRYSTAL	1