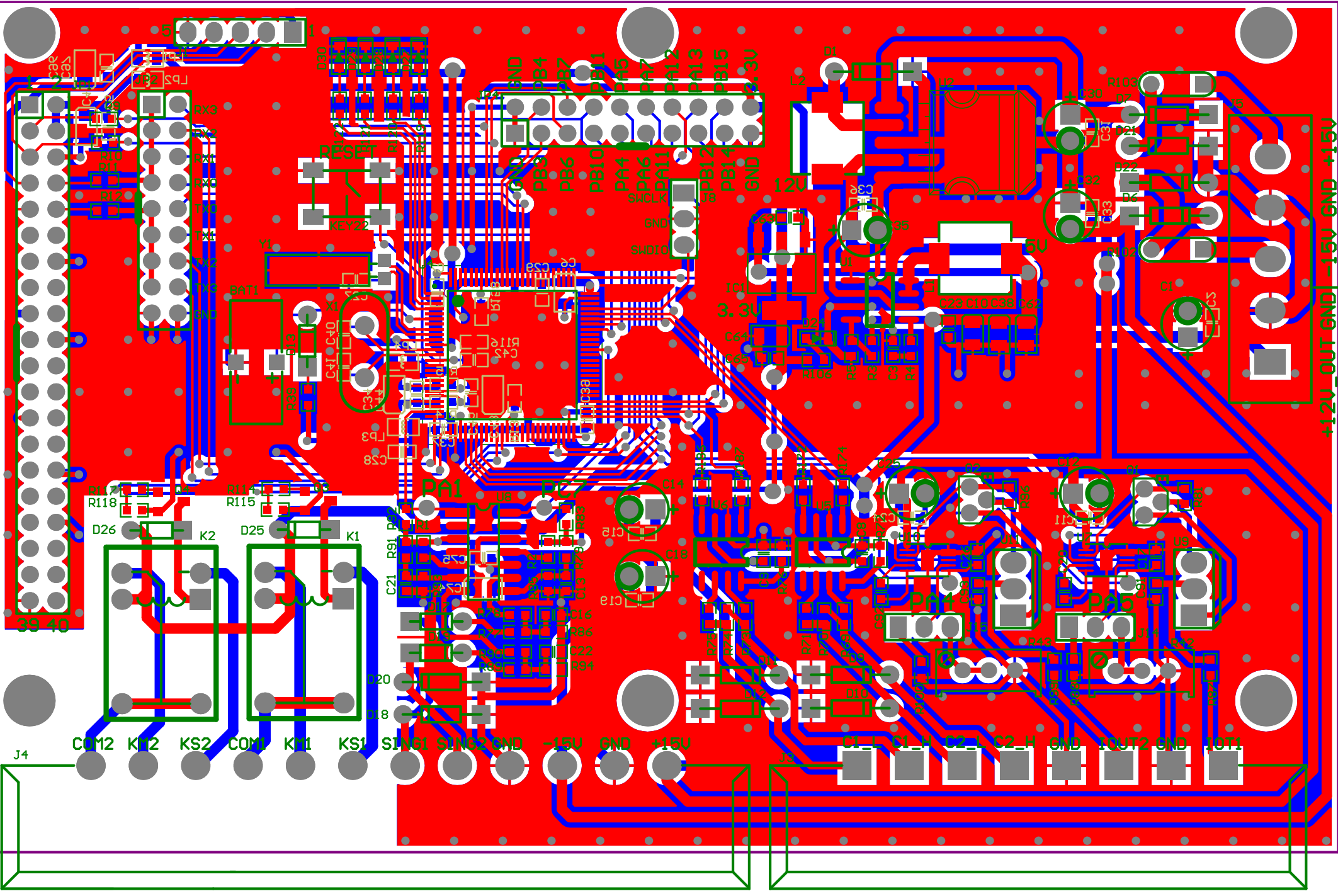


Title		
Size	Number	Revision
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Date:	2015/5/4	Sheet of
File:	F:\...\POWER.SchDoc	Drawn By:



Bill of Materials

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Source Data From: 电机测试系统数据采集板.PrjPCB
Project: 电机测试系统数据采集板.PrjPCB
Variant: None

Creation Date: 2015/5/4 20:27:19
Print Date: 42128 42128.85247

Footprint	Comment	LibRef	Designator	Description	Quantity
cjdr	超级电容 (NC)	BAT	BAT1		1
RB1	47uF/35V	ELECTRO1	C1, C12, C14, C18, C25, C30, C32, C35	Electrolytic Capacitor	8
C0603	104	CAP	C2, C5, C7, C8, C9, C11, C13, C15, C17, C19, C21, C23, C24, C26, C28, C29, C31, C33, C36, C37, C39, C42, C44, C45, C63, C65, C75, C97	Capacitance, Capacitor	28
C0603	102	CAP	C3, C20, C92	Capacitance, Capacitor	3
CA0805	10UF/6.3V	ELECTRO1	C4, C6, C10, C34, C38, C43, C62, C64, C74, C96	Electrolytic Capacitor	10
C0603	104(NC)	CAP	C16, C22	Capacitance	2
c0603	5P	CAP	C27	Capacitor	1
C0603	22pf	CAP	C40, C41	Capacitance	2
C0603	103	CAP	C91, C93	Capacitance	2
DIODE3	1N5819	DIODE	D1	Diode	1
DIODE3	1N4007	DIODE	D6, D7	Diode	2
DIODE3	P6KE6.8A	DIODE	D9, D10, D11, D12	Schottky Diode	4
		SCHOTTKY			
DIODE2	1N4148	DIODE	D13, D17, D19, D25, D26	Diode	5
DIODE3	双向TVS 18V	DIODE	D18, D20	Schottky Diode	2
		SCHOTTKY			
DIODE3	P6KE18A	DIODE	D21, D22	Schottky Diode	2
		SCHOTTKY			
LED0603	LED	LED	D24, D27, D28, D29, D30		5
SOT-223	LM1117-3.3v	1117			1
SIP5	时钟模块	CON5	J1	Connector	1
WALJIE*8	CON8	CON8	J3	Connector	1
WALJIE*12	CON12	CON12	J4	Connector	1
power5.5	CON5	CON5	J5	Connector	1
slp3	SWD	CON3	J8	Connector	1
slp3	CON3	CON3	J14, J15	Connector	2
CON40	HEADER 20X2	HEADER 20X2	JP1		1
CON18	HEADER 9X2	HEADER 9X2	JP2		1
CON20	HEADER 10X2	HEADER 10X2	JP4		1
RELAY2_HL	5V继电器	RELAY-SPDT	K1, K2		2
S6					
key0.2'	轻触开关	SW-PB	KEY22		1
PWR_INDUT	4.7uH	INDUCTOR	L1		1
OR 7X7					
PWR_INDUT	100uH	INDUCTOR	L2		1
OR 7X7					
i0603	10uH	L-MLCC	LP1, LP2, LP3, LP4	Inductance	4
9013	9012	PNP	Q1, Q2	PNP Transistor	2
SOG3-2.5	9013	NPN	Q3, Q4	NPN Transistor	2
R0603	5.1K	RES2	R1, R2, R77, R79, R89, R91		6
R0603	52.3K	RES2	R3		1
R0603	20K	RES2	R4		1
R0603	10K	RES2	R5, R13, R158		3
R0603	33R	RES2	R9, R10, R11, R12, R172, R174, R186, R187		8
R0603	10R	RES, RES2	R14, R15, R69, R71, R73, R75	Res	6
r0603	3.3K	R1, RES2	R39, R115, R118		3
POT1	5K	RESISTOR	R42, R43		2
		TAPPED			
R0603	120R	RES2	R70, R74		2
R0603	22K	RES2	R72, R76		2
R0603	1K	R1, RES2	R78, R85, R86, R90, R93, R94, R106, R114, R117, R119, R120, R121, R122		13
R0603	15R	RES2	R81, R87, R96, R99		4
R0603	1.5K	RES2	R83, R88, R92, R100		4
RAD2	XF030	RES4	R102, R103		2
R0603	4.7K	RES2	R116		1
SO-8	AOZ1016	AOZ1016	U1		1
2576_TP	LM2576_12V	LM2576	U2		1
TQFP100	STM32F103VCT6	STM32F103VCT6	U4		1
SO-8	PCA82C251T	PCA82C251T	U5, U6		2
S-PDSO-G10	XTR111	XTR111	U7, U10		2
SO14	LM339D	LM339D	U8	Quad Differential Comparator	1
78XX	IRF9540	MOSFET P	U9, U11		2
XTAL1	8MHz	XTAL	X1		1
xtal4	32.768KHz	XTAL1	Y1		1
					172

Approved	Notes