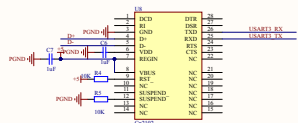
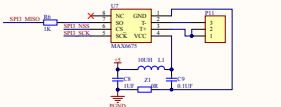


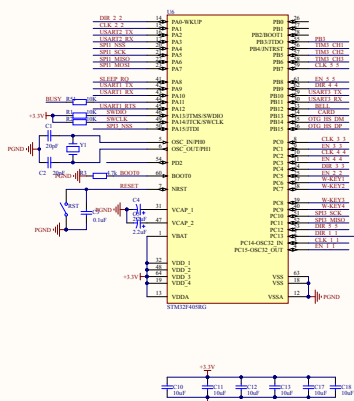
USB转串口



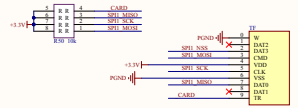
热电偶前端



单片机系统



TF卡



驱动器1

驱动器2

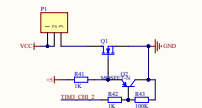
驱动器3

驱动器4

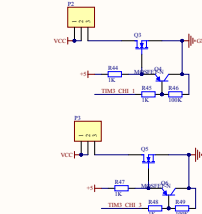
驱动器5

驱动器电压基准

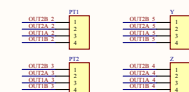
风扇



加热棒



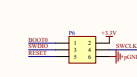
电机*5



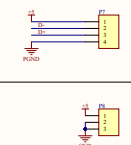
电源



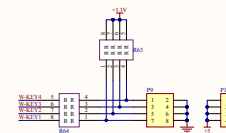
调试口



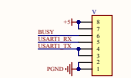
USB串口



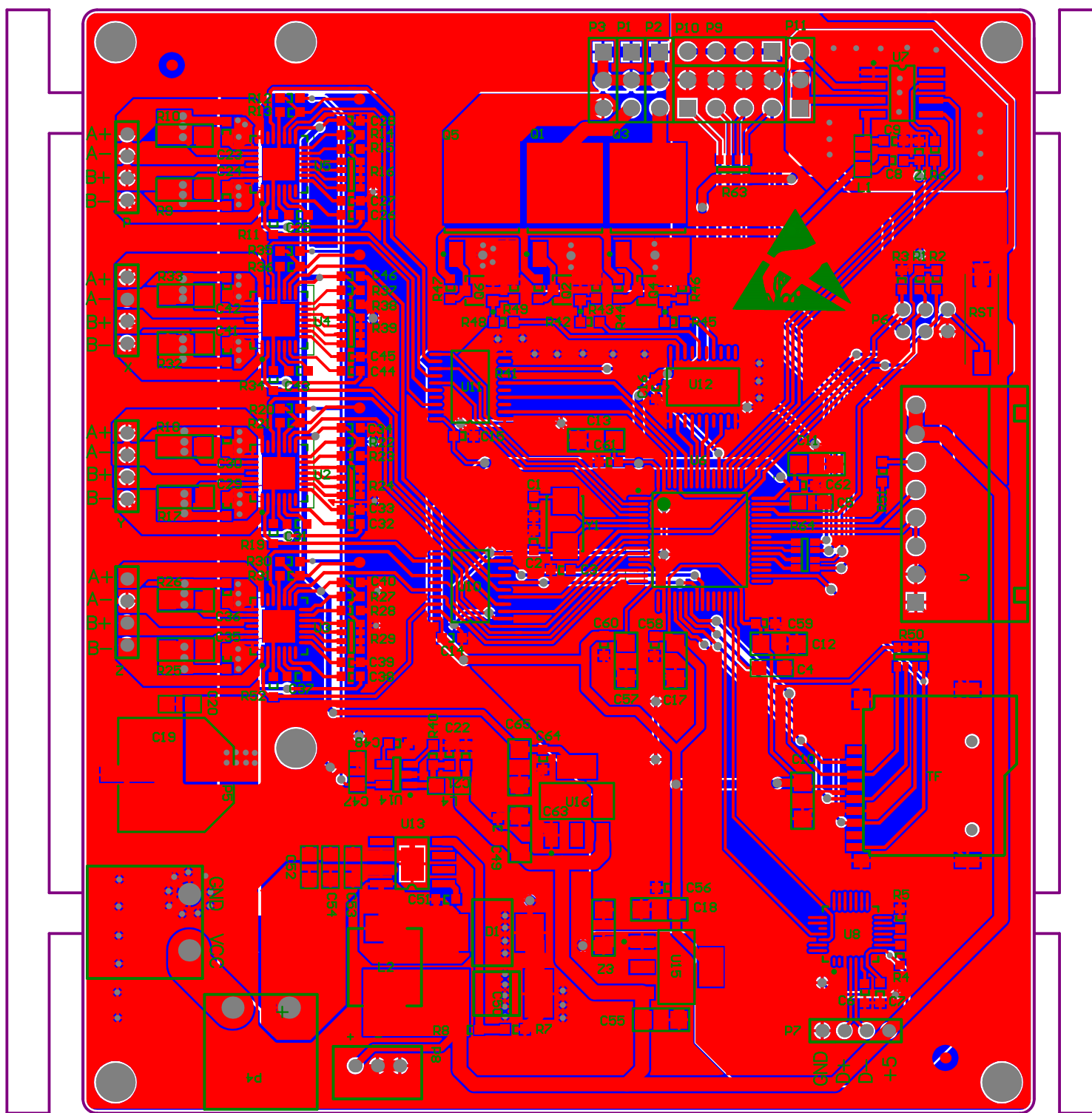
位置开关



触摸屏



File	Version	Revision
File	Version	Revision
File	Version	Revision
File	Version	Revision



Bill of Materials

三维打印机控制电路

Source Data From: 打印机工程-主板.PrjPcb
Project: 打印机工程-主板.PrjPcb
Variant: None

Creation Date: 2014/3/5 9:29:44
Print Date: 41703 41703.39574

Footprint	Comment	LibRef	Designator	Description	Quantity
0603	Cap	Cap	C1, C2, C3, C6, C7, C8, C9, C14, C15, C16, C21, C22, C23, C24, C25, C26, C27, C28, C29, C30, C31, C32, C33, C34, C35, C36, C37, C38, C39, C40, C41, C42, C43, C44, C45, C46, C48, C49, C51, C56, C58, C59, C60, C61, C62, C64	Capacitor	46
8050	Cap Pol1	Cap Pol1	C4, C5	Polarized Capacitor (Radial)	2
1206	Cap	Cap	C10, C11, C12, C13, C17, C18, C55, C57, C63, C65	Capacitor	10
16v 470UF	Cap Pol1	Cap Pol1	C19	Polarized Capacitor (Radial)	1
8050	Cap	Cap	C20, C47, C52, C53, C54	Capacitor	5
7343	Cap	Cap	C50	Capacitor	1
B560	B540C	Diode	D1	Default Diode	1
8050		Inductor	L1, L4	Inductor	2
电感7*7	Inductor	Inductor	L2	Inductor	1
HDR1X3		Header 3	P1, P2, P3, P11	Header, 3-Pin	4
HT-5.08-2P		Header 2	P4, P5	Header, 2-Pin	2
2MM_PIN6		Header 3X2	P6	Header, 3-Pin, Dual row	1
2MM_pin4		Header 4	P7	Header, 4-Pin	1
2MM_3pin	Header 3	Header 3	P8	Header, 3-Pin	1
HDR2X4		Header 4X2	P9	Header, 4-Pin, Dual row	1
HDR1X4		Header 4	P10	Header, 4-Pin	1
2MM_pin4	PH2.0-4P	Header 4	PT1, PT2, Y, Z	Header, 4-Pin	4
TO-252	MOSFET-N	MOSFET-N	Q1, Q3, Q5	N-Channel MOSFET	3
irlml2502	PNP	2N3906	Q2, Q4, Q6	PNP General Purpose Amplifier	3
0603	Res2	Res2	R1, R2, R3, R4, R5, R6, R7, R8, R11, R12, R13, R14, R15, R19, R20, R21, R22, R23, R27, R28, R30, R31, R34, R35, R36, R37, R38, R40, R41, R42, R43, R44, R45, R46, R47, R48, R49, R51, R52, Z1	Resistor	40
1206	Res2	Res2	R9, R10, R17, R18, R25, R26, R32, R33, Z3	Resistor	9
0603 排阻		Component_2	R16, R24, R29, R39, R50		5
0603 排阻	Component_2	Component_2	R63, R64		2
sw	SW-SPST	SW-SPST	RST	Single-Pole, Single-Throw Switch	1
TF-2	TFCARD	TFCARD	TF		1
A4988S	A4988	A4988	U2, U3, U4, U5		4
LQFP64_N	STM32F405RG	STM32F405RG	U6		1
sop8	MAX6675	MAX6675	U7		1
QFN50P500X	Cp2102	Cp2102	U8		1
500X100-28N					
sop20	74LS244	74LS244	U10, U11, U12		3
TPS5450	tps5450	tps5450	U13		1
mic5205	MIC5205	Component_1	U14		1
AMS1117S	ams1117	ams1117	U15, U16		2
CN8-2.54		Header 8	V	Header, 8-Pin	1
5032晶振	CRYSTAL	CRYSTAL	Y1	Crystal	1
					164

Approved	Notes