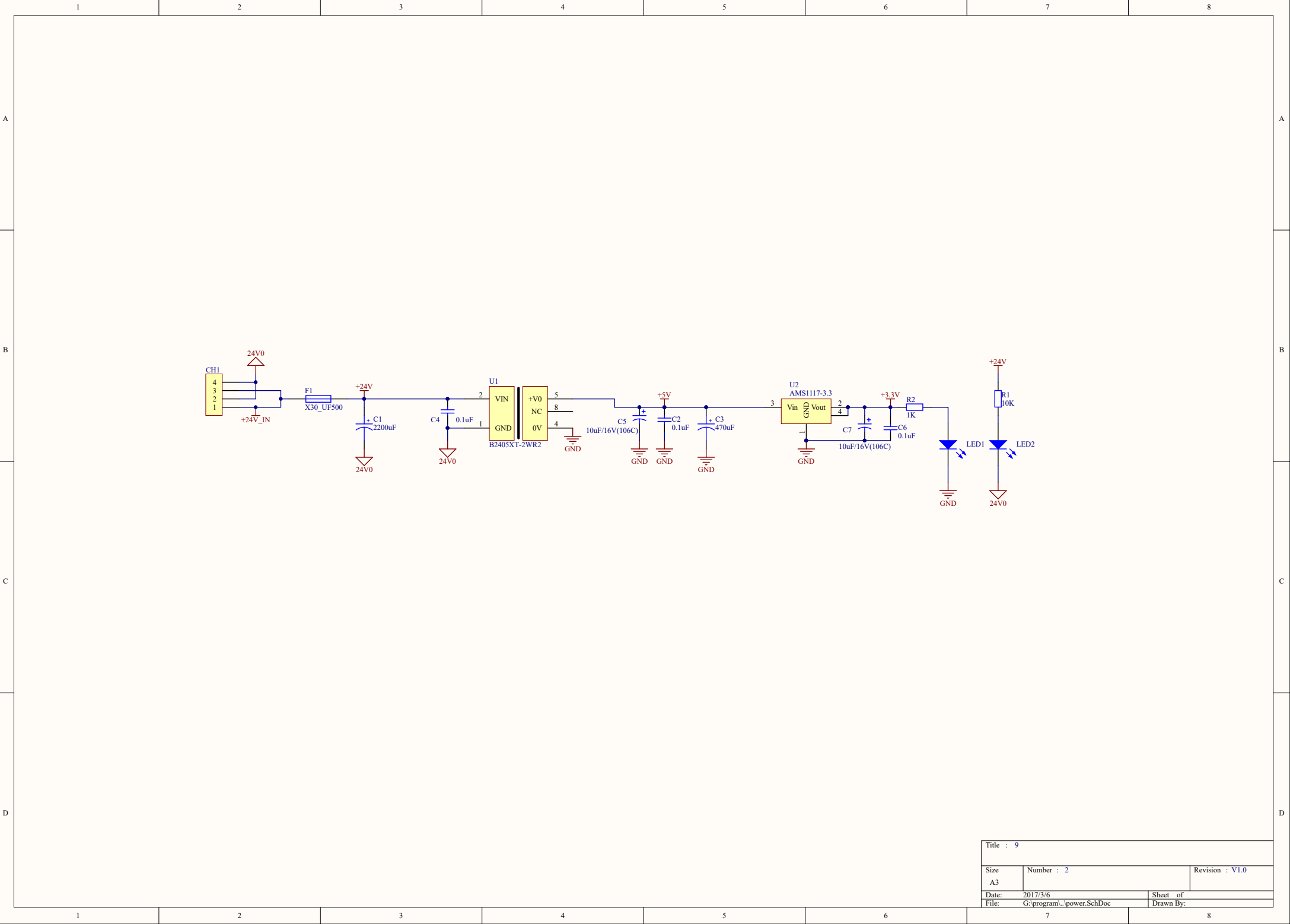
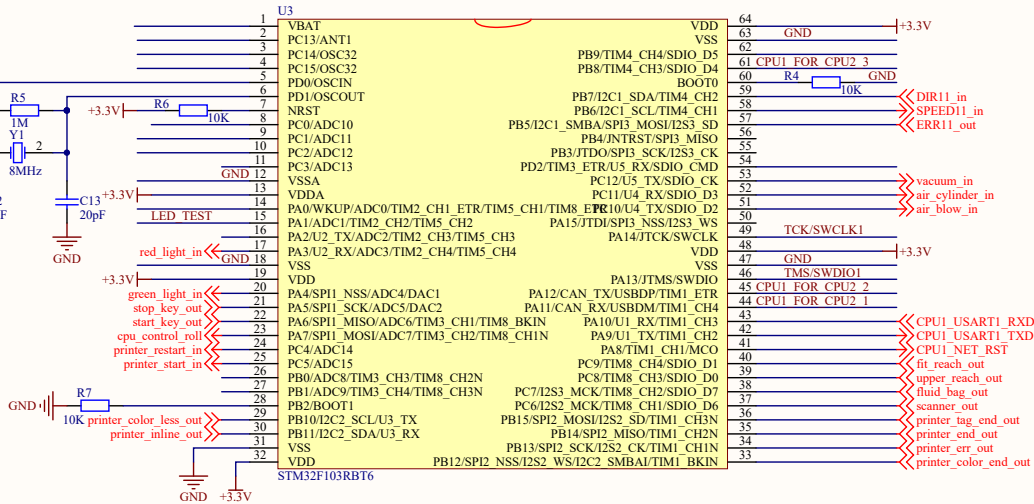
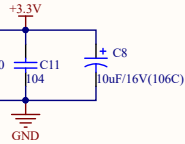
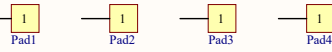
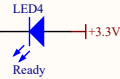
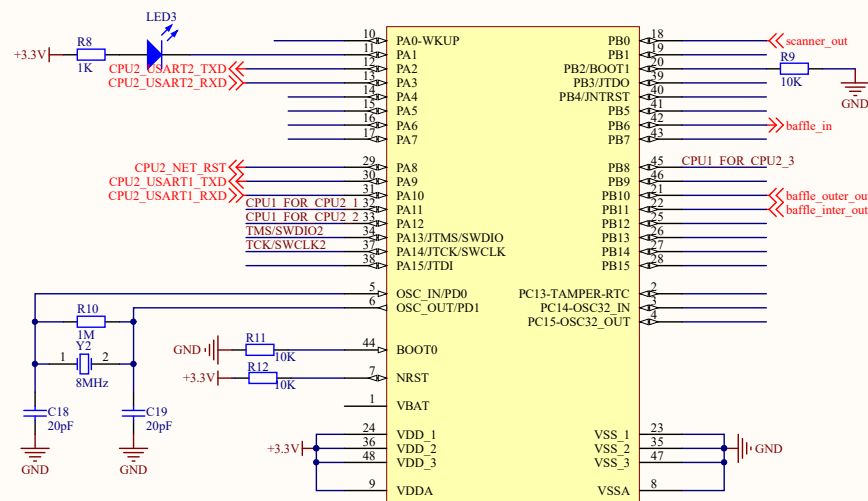
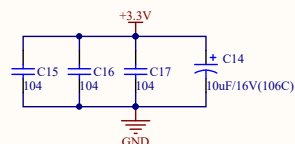


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Date:	2017/3/6	Sheet of
File:	G:\program\printer tag device.SchDoc	Drawn By:

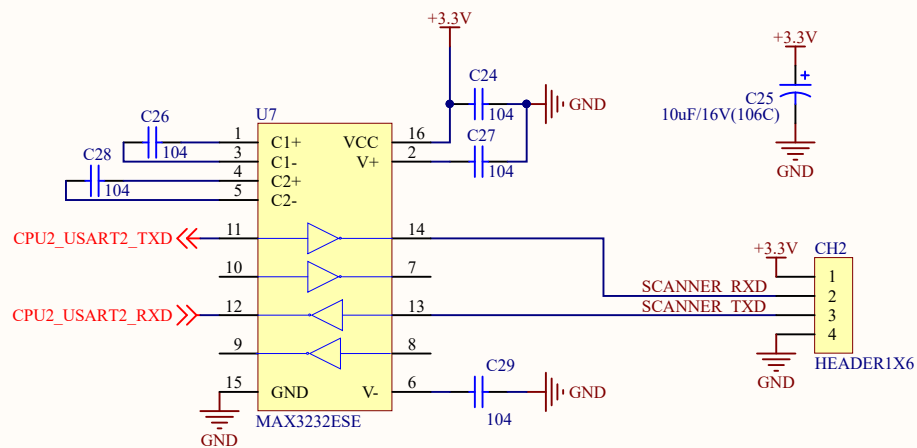
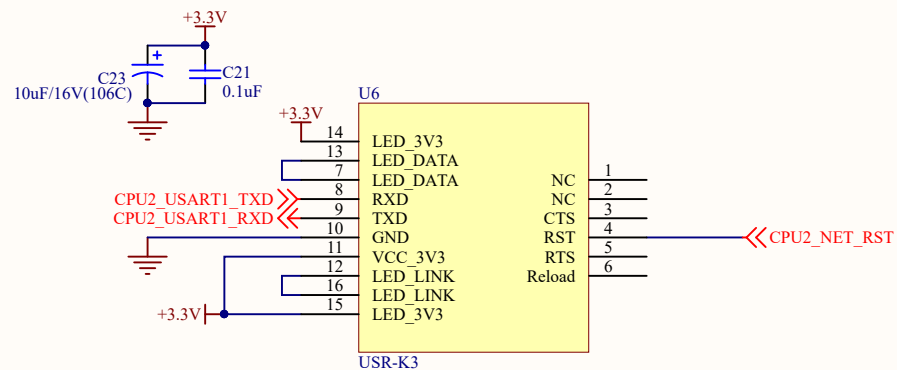
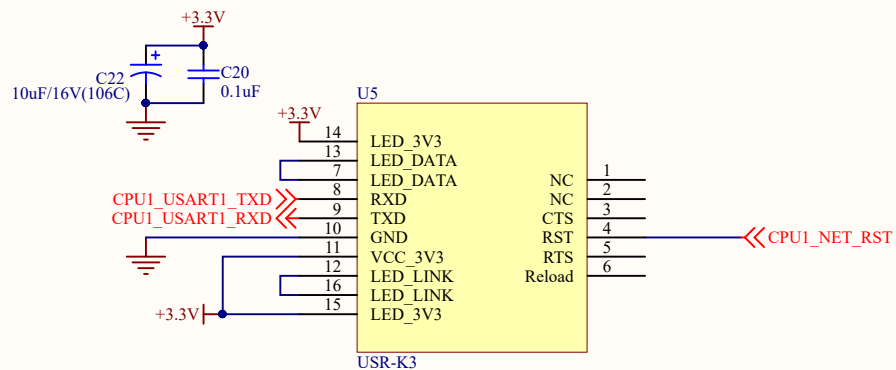




中断: PB0, PB3, PB4, PB10, PB12, PB14, PC6, PC8



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Size A3	Number : 3	Revision : V1.0
Date: 2017/3/6	Sheet of	
File: G:\program\cpu.SchDoc	Drawn By:	



Title : 9		
Size A4	Number : 4	Revision : V1.0
Date:	2017/3/6	Sheet of
File:	G:\program\...\communication.SchDoc	Drawn By:

A

B

C

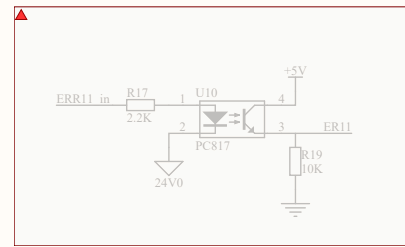
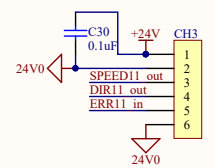
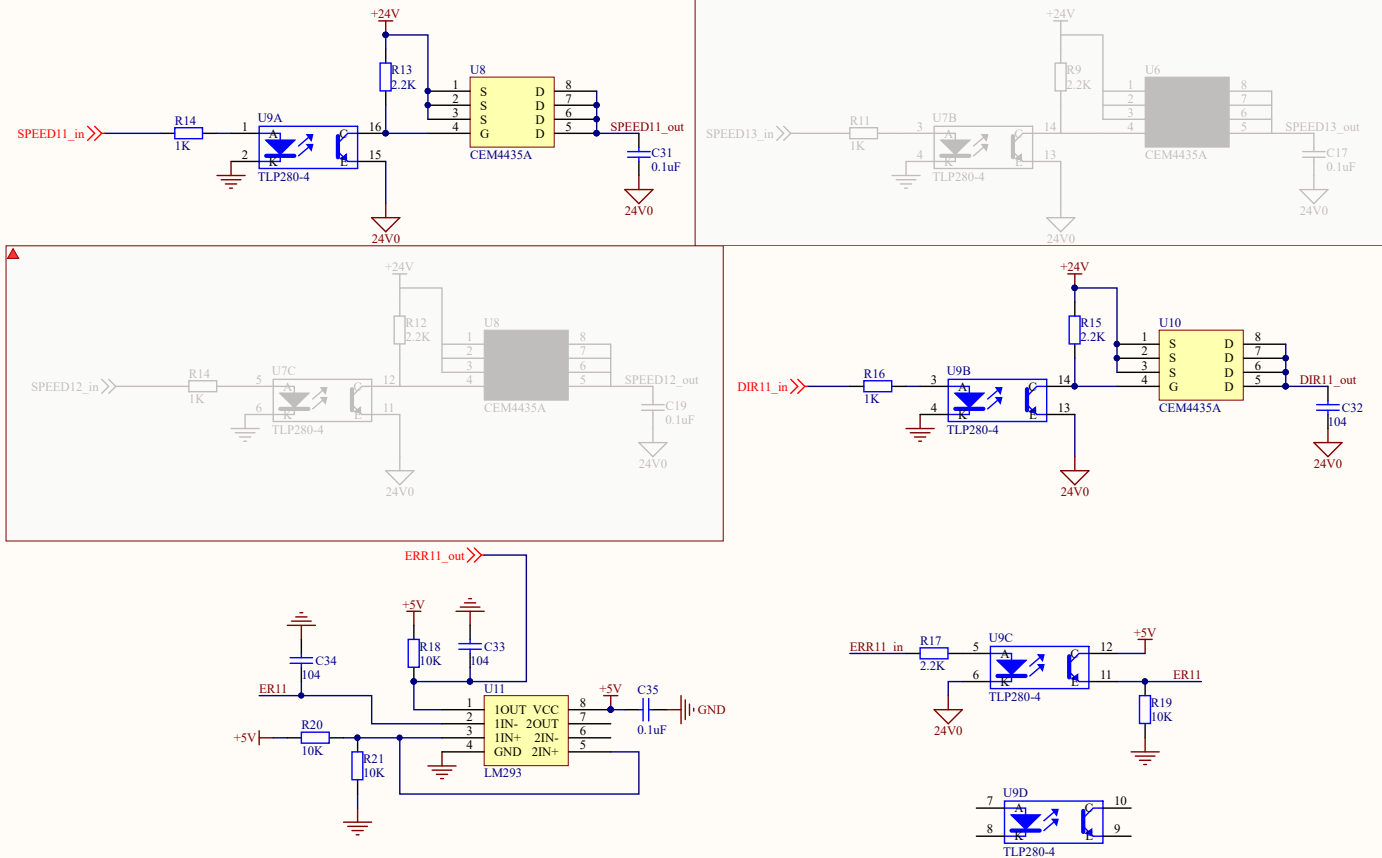
D

A

B

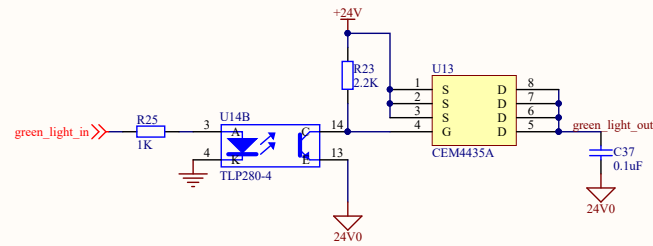
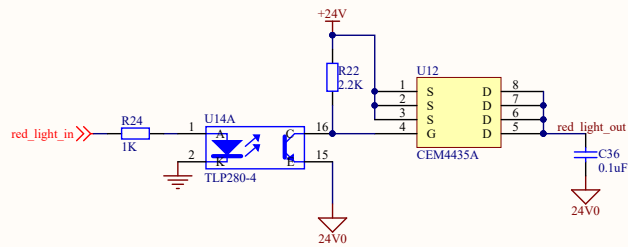
C

D

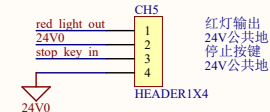
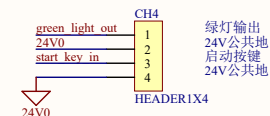
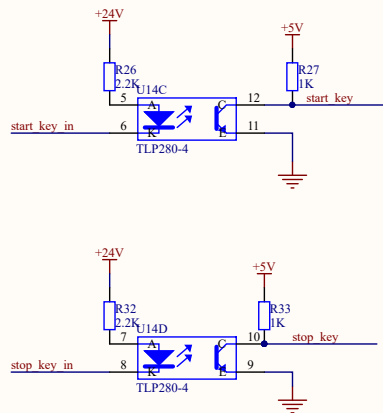
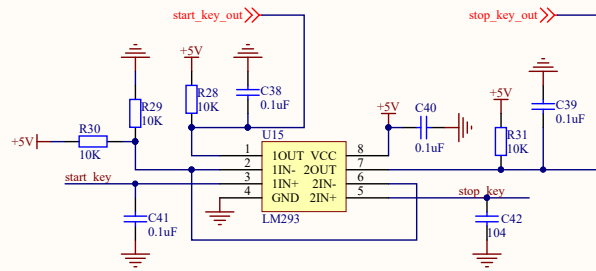


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Date: 2017/3/6	Sheet of	
File: G:\program\...\belt_motor_control.SchDoc Drawn By:		

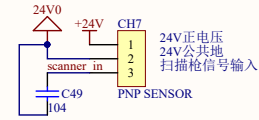
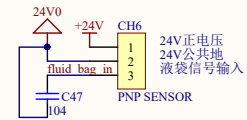
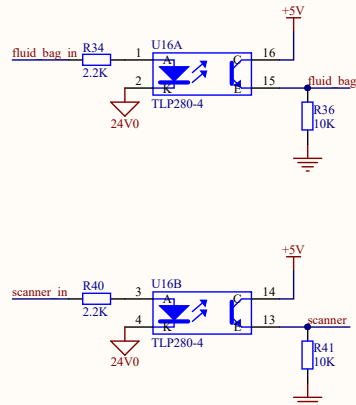
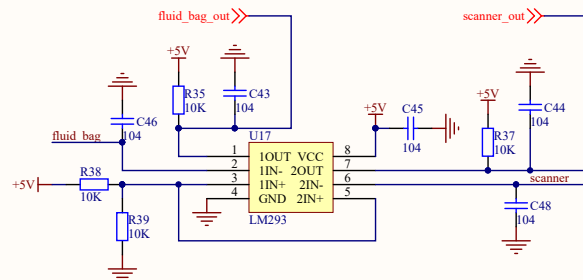
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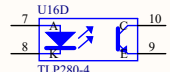
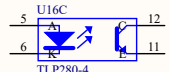
B



C



D



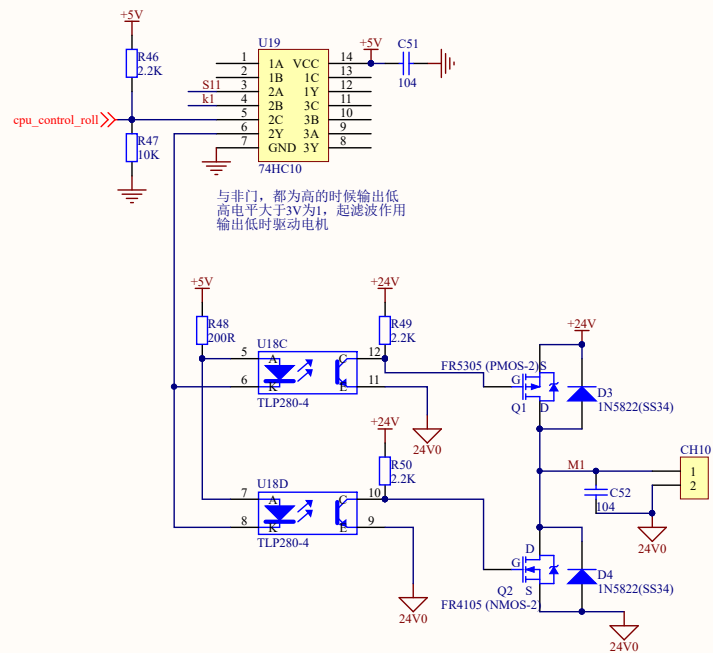
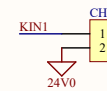
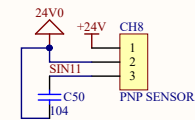
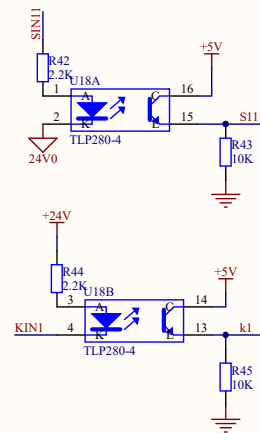
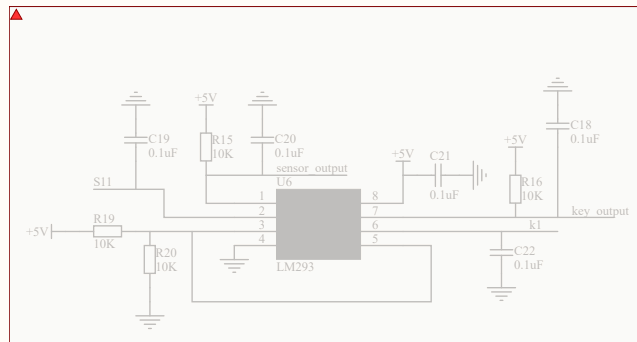
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Date: 2017/3/6	Sheet of	
File: G:\program\light key control.SchDoc	Drawn By:	

A

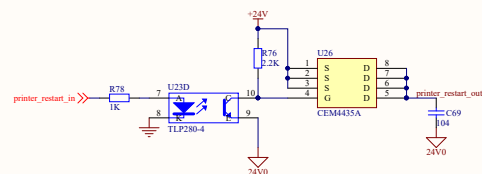
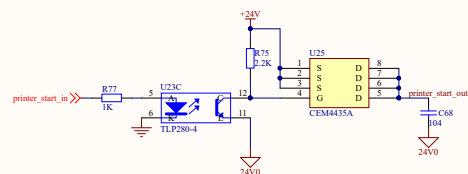
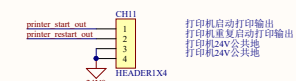
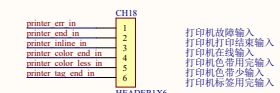
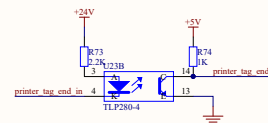
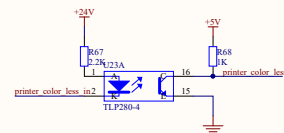
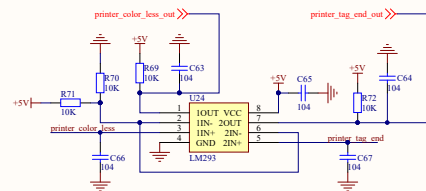
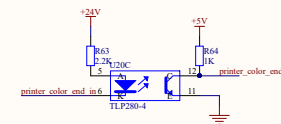
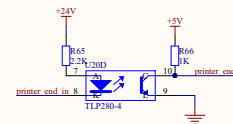
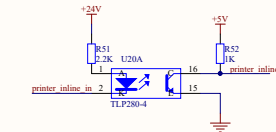
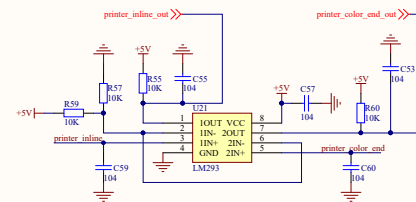
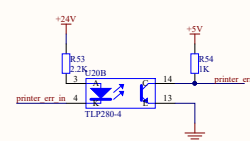
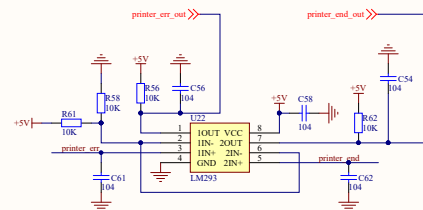
B

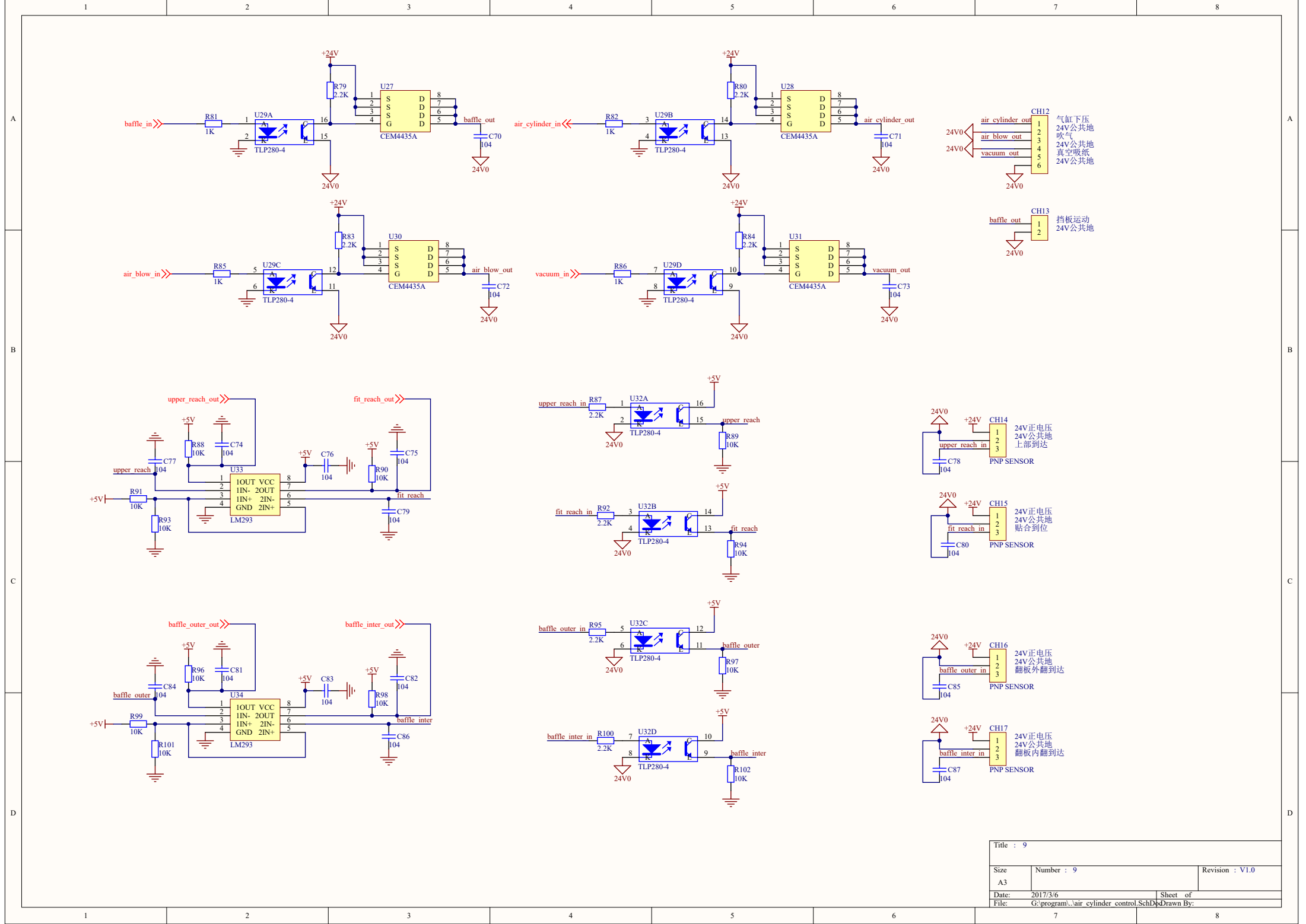
C

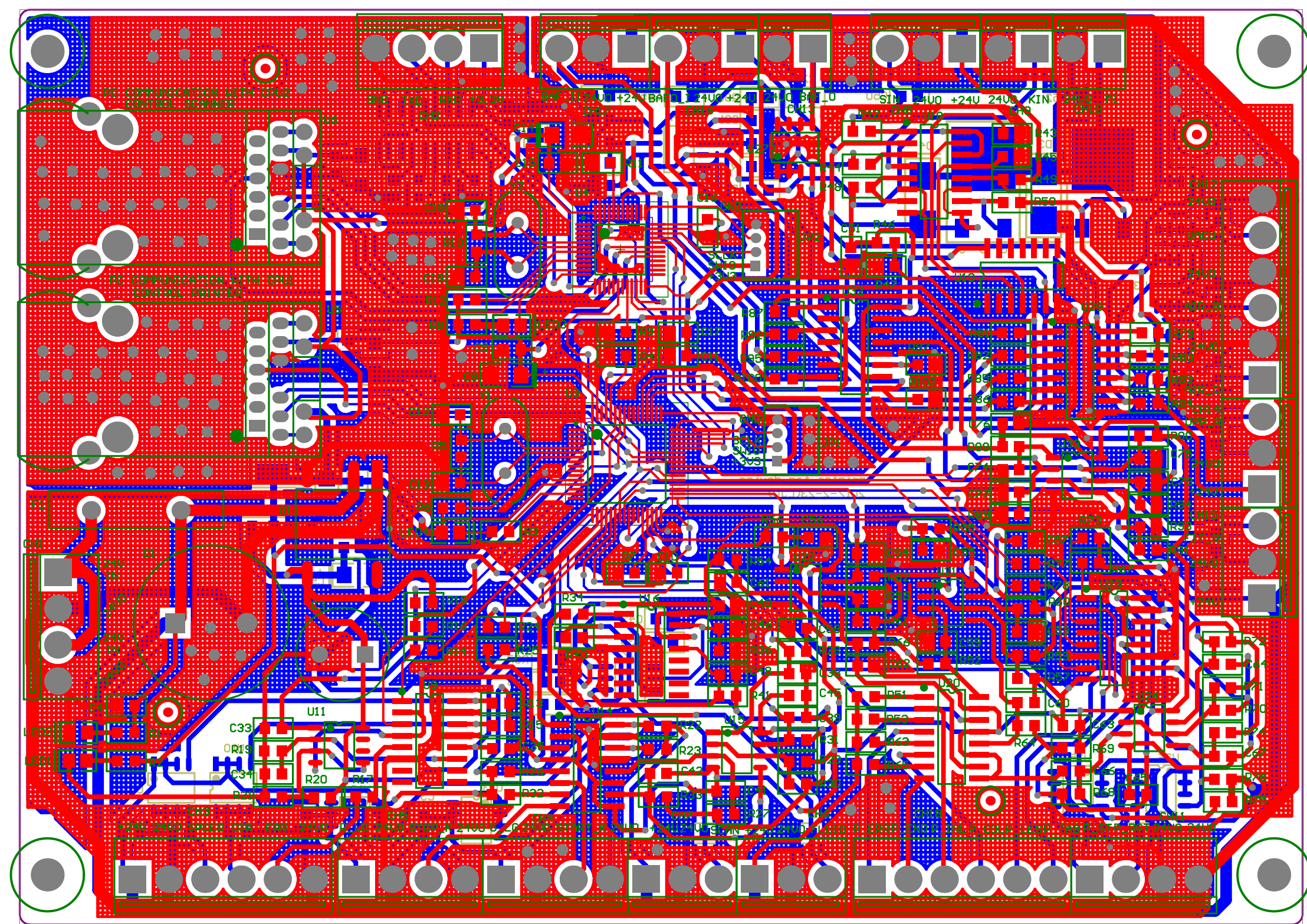
D



Title : 9		
Size A3	Number : 7	Revision : V1.0
Date: 2017/3/6	Sheet of	
File: G:\program\...\roll_motorl_control.SchDoc	Drawn By:	







Comment	Description	Designator	Footprint	LibRef	Quantity
C_2200uF		C1	C7.8*17	C_2200uF	1
Cap	Capacitor	C2, C4, C6, C9, C10, C11, C12, C13, C15, C16, C17, C18, C19, C20, C21, C24, C26, C27, C28, C29, C30, C31, C32, C33, C34, C35, C36, C37, C38, C39, C40, C41, C42, C43, C44, C45, C46, C47, C48, C49, C50, C51, C52, C53, C54, C55, C56, C57, C58, C59, C60, C61, C62, C63, C64, C65, C66, C67, C68, C69, C70, C71, C72, C73, C74, C75, C76, C77, C78, C79, C80, C81, C82, C83, C84, C85, C86, C87	0805	Cap	78
C_2200uF		C3	C5*10	C_2200uF	1
Cap Pol3	Polarized Capacitor (Surface Mount)	C5, C7, C8, C14, C22, C23, C25	CAP A-3216	Cap Pol3	7
HEADER1X4		CH1, CH4, CH5, CH11	CH3.96-4PIN	HEADER1X4	4
HEADER1X6		CH2	CH3.96-4PIN	HEADER1X4	1
HEADER1X6		CH3, CH12, CH18	CH3.96-6PIN	HEADER1X6	3
HEADER1X3		CH6, CH7, CH8, CH14, CH15, CH16, CH17	CH3.96-3PIN	HEADER1X3	7
HEADER1X2		CH9, CH10, CH13	CH3.96-2PIN	HEADER1X2	3
1N5822(SS34)	High Conductance Fast Diode	D3, D4	SMA	Diode 1N4148	2
X30_UF500	Fuse	F1	X30UF600	Fuse 1	1
4 HEADER	4 Pin Header	JP1, JP2	CON4_1.5	4 HEADER	2
	Typical RED, GREEN, YELLOW, AMBER GaAs LED	LED1, LED2, LED3	LED-0805	LED2	3
Ready	Typical RED, GREEN, YELLOW, AMBER GaAs LED	LED4	LED-0805	LED2	1
Pad		Pad1, Pad2, Pad3, Pad4	pad35	Pad	4
FR5305 (PMOS-2)	P-Channel Power MOSFET	Q1	TO-252	PMOS-2	1
FR4105 (NMOS-2)	N-Channel Power MOSFET	Q2	TO-252	NMOS-2	1
Res2	Resistor	R1, R2, R3, R4, R5, R6, R7, R8, R9, R10, R11, R12, R13, R14, R15, R16, R17, R18, 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, 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, R93, R94, R95, R96, R97, R98, R99, R100, R101, R102	0805	Res2	102
B2405XT-2WR2		U1	B2405XT-2WR2	B2405XT-2WR2	1
AMS1117-3.3		U2	SOT223	AMS1117-5	1
STM32F103RBT6		U3	LQFP64	STM32F103RDT6	1
STM32F103C8T6	STM32F103C8T6	U4	LQFP48	STM32F103C8T6	1
USR-K3		U5, U6	USR-K3	USR-K3	2
MAX3232ESE	MAX3232ESE	U7	NSO16_N	MAX3232ESE	1
CEM4435A		U8, U10, U12, U13, U25, U26, U27, U28, U30, U31	SOP8-OP27	CEM4435A	10
TLP280-4		U9, U14, U16, U18, U20, U23, U29, U32	SO16	TLP521-4	8
LM293		U11, U15, U17, U21, U22, U24, U33, U34	SOP8-OP27	LM293	8
74HC10	three input nand gain	U19	SO14	74HC10	1
8MHz	Crystal Oscillator	Y1, Y2	XTAL_US	XTAL	2