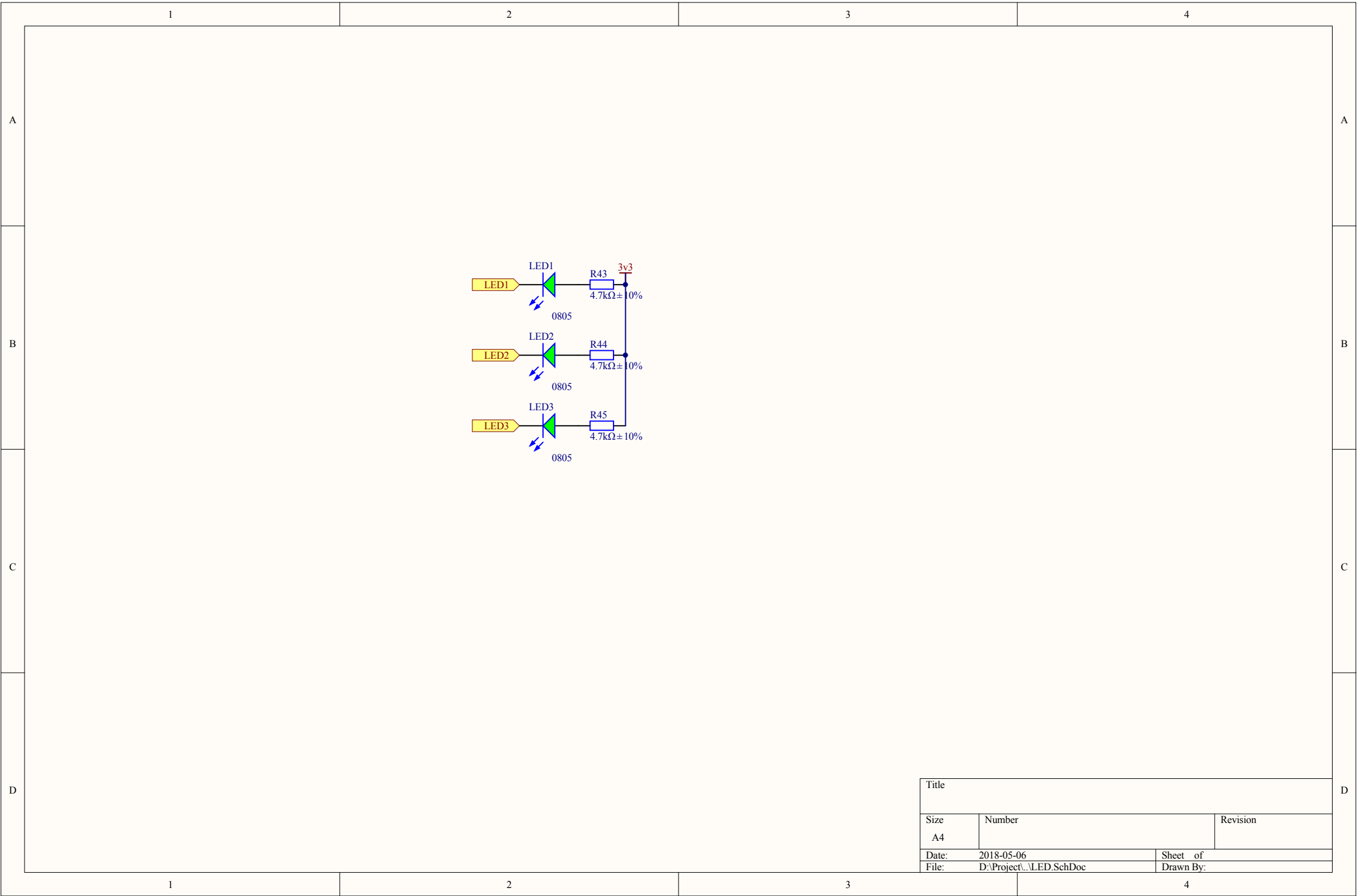
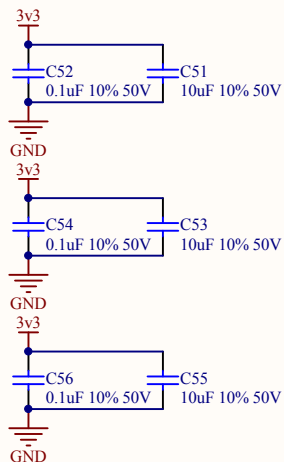
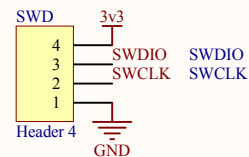
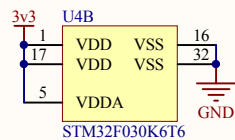
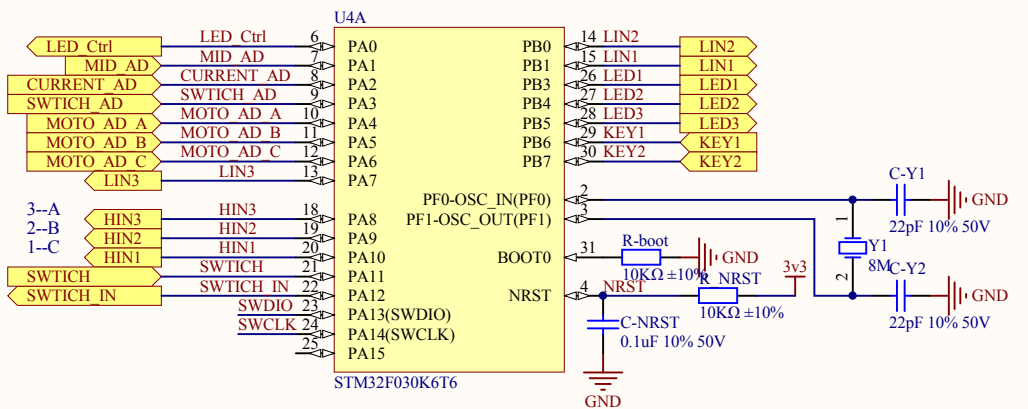
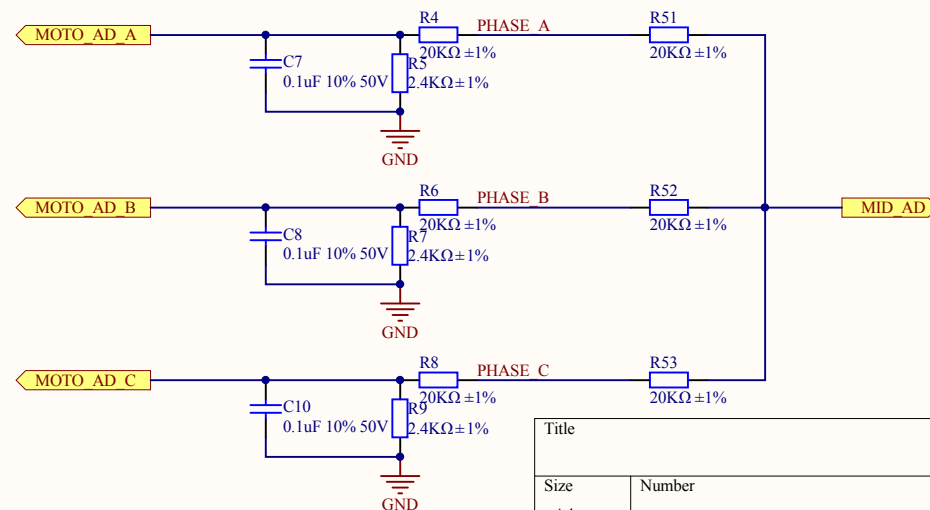
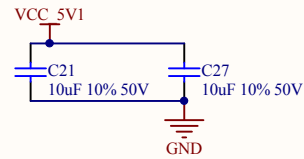


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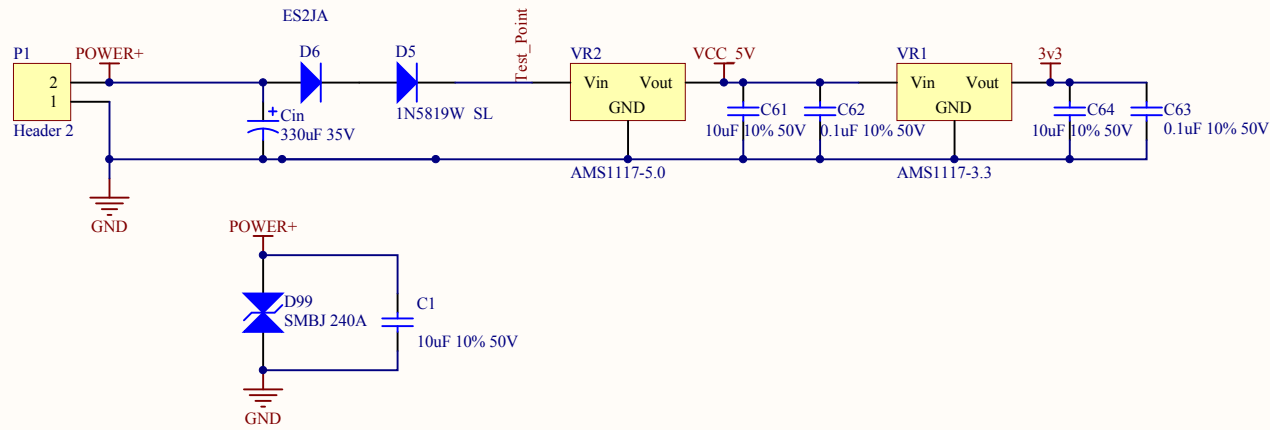




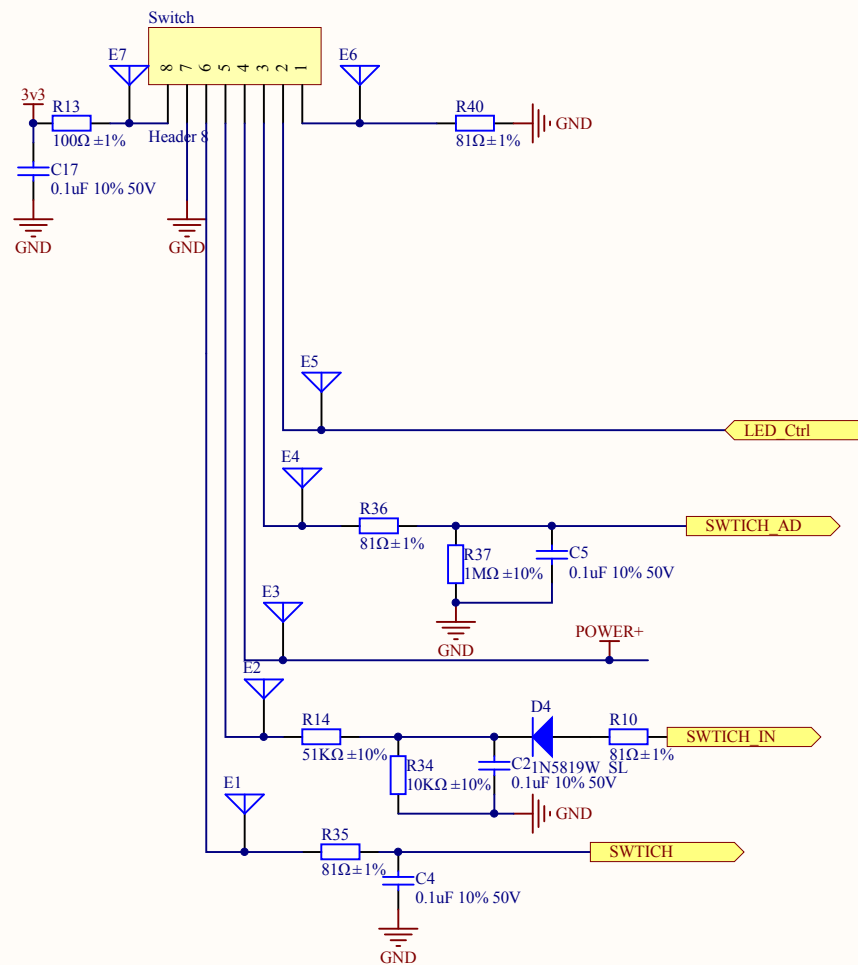
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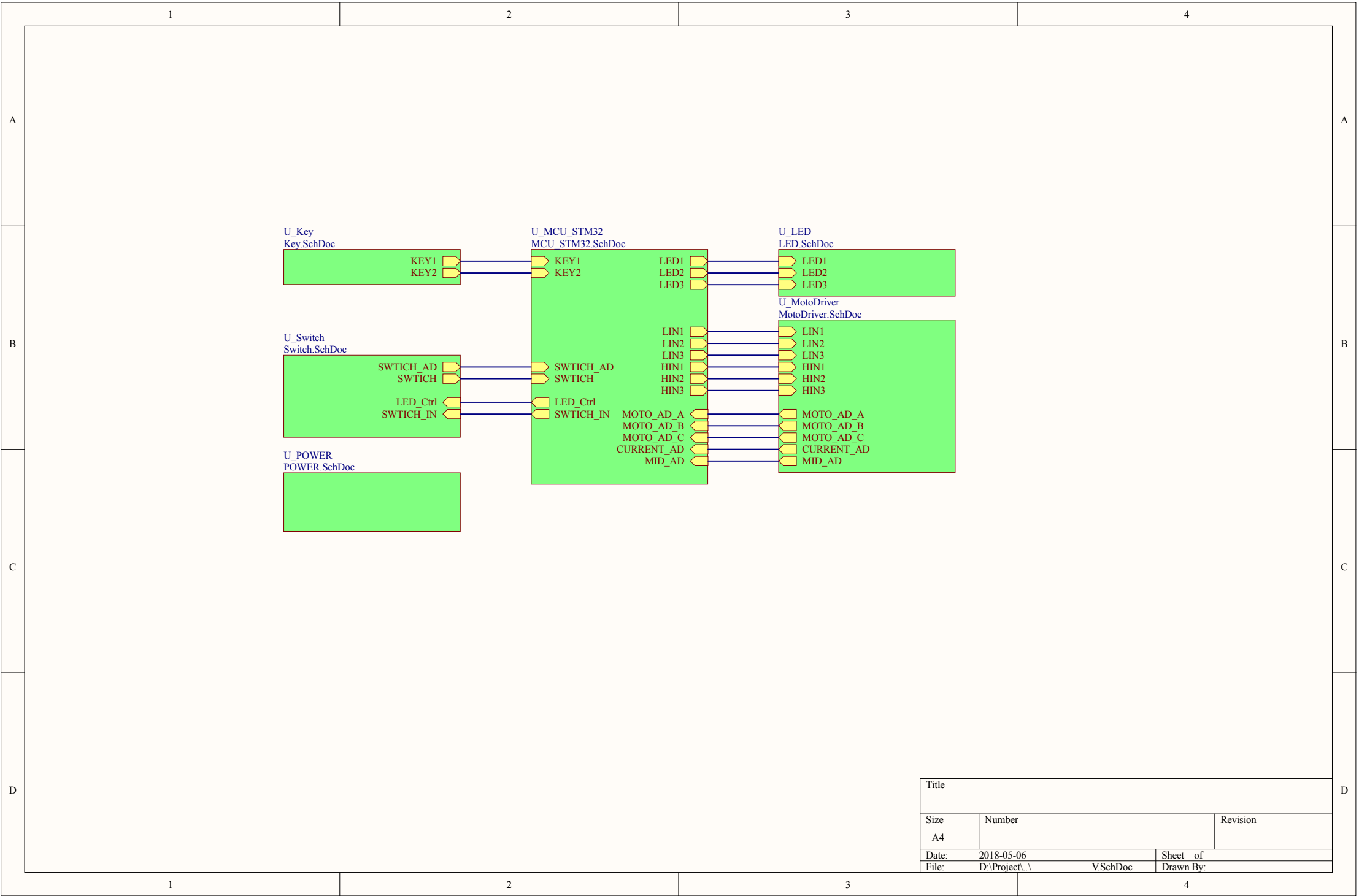
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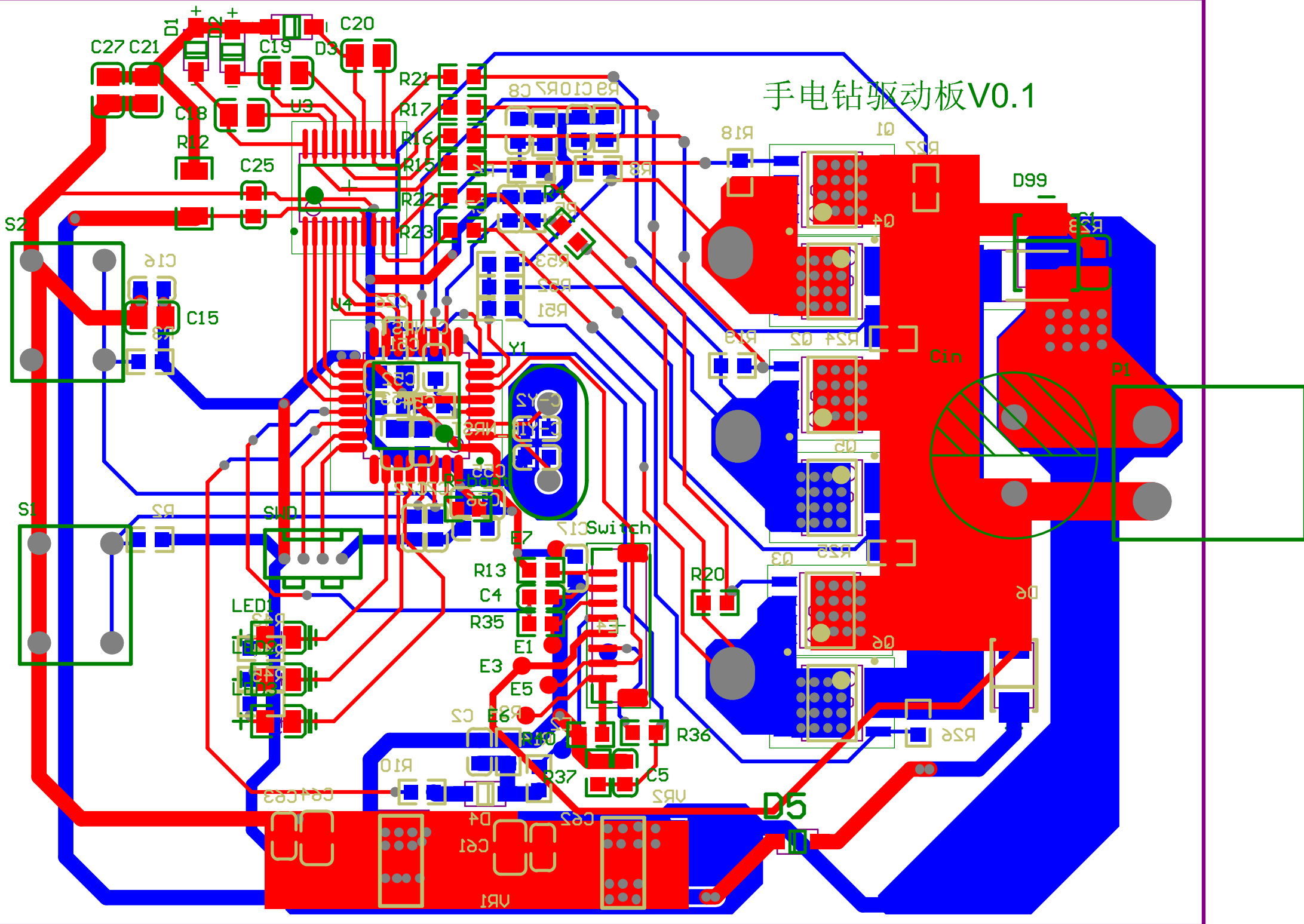
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Date:	2018-05-06	Sheet of
File:	D:\Project\Switch.SchDoc	Drawn By:



手电钻驱动板V0.1



Part List

<Parameter Title not found>

Source Data From:

手电钻电机驱动板V.PrjPCB

Project:

手电钻电机驱动板V.PrjPCB

Variant:

None

Report Date: 2018-05-06 11:34:16

Print Date: 06-May-18 11:36:37 AM

Designator	#Column Name	Comment	#Column Name Error:Lib	Footprint	Description	Quantity
C1, C15, C21, C27, C51, C53, C55, C61, C64		10uF 10% 50V		0805_C	Capacitor (Semiconductor SIMModel), 贴片电容	9
C2, C4, C5, C7, C8, C10, C16, C17, C25, C26, C52, C54, C56, C62, C63, C71, C72, C-NRST		0.1uF 10% 50V		0603_C	Capacitor (Semiconductor SIMModel), 贴片电容	18
C18, C19, C20		1uF 10% 50V		0805_C	贴片电容	3
C-Y1, C-Y2		22pF 10% 50V		0603_C	贴片电容	2
Cin		330uF 35V电解电容		330uf/35V	Polarized Capacitor (Radial)	1
D1, D2, D3, D4, D5		1N5819W SL		SOD-123	肖特基二极管	5
D6		ES2JA		SMA(DO-214AC)_S1	二极管	1
D99		SMBJ 240A		SMB(DO-214AA)_S1	TVS	1
E1, E2, E3, E4, E5, E6, E7		测试点		Test	Generic Antenna	7
LED1, LED2, LED3		翠绿 0805		0805_LED_S1	发光二极管	3
P1		Header 2		2星座子	Header, 2-Pin	1
Q1, Q2, Q3, Q4, Q5, Q6		TPCA8057-H		TPCA8057-H	MOSFETsSilicon N-Channel MOS (U-MOS -H)	6
R2, R3, R43, R44, R45		4.7KΩ ±10%		0603_R	贴片电阻	5
R4, R6, R8, R51, R52, R53		20KΩ ±1%		0603_R	贴片电阻	6
R5, R7, R9		2.4KΩ ±1%		0603_R	贴片电阻	3
R10, R27, R35, R36, R40		81Ω ±1%		0603_R	贴片电阻	5
R12		5.1Ω ±1%		1206_R	贴片电阻	1
R13		100Ω ±1%		0603_R	贴片电阻	1
R14		51KΩ ±10%		0603_R	贴片电阻	1
R15, R16, R17, R21, R22, R23		51Ω ±1%		0603_R	贴片电阻	6
R18, R19, R20, R24, R25, R26		100KΩ ±10%		0603_R	贴片电阻	6
R28		0.002Ω ±1%		RESC2512(6432)_M	贴片电阻	1
R34, R-boot, R_NRST		10KΩ ±10%		0603_R	贴片电阻	3
R37		1MΩ ±10%		0603_R	贴片电阻	1
S1, S2		SW-DPST		SW1	Double-Pole, Single-Throw Switch	2
SWD		Header 4		FPC_1.25_4P	Header, 4-Pin	1
Sw itch		Header 8		SH1.0mm-8P	Header, 8-Pin	1
U3		FD6288T		TSSOP20_M	USB to TTL Serial / UART	1
U4		STM32F030K6T6		STM-LQFP32_M		1
VR1		AMS1117-3.3		SOT-223	低压差线性稳压(LDO)	1
VR2		AMS1117-5.0		SOT-223	低压差线性稳压(LDO)	1
Y1		8M		XTAL	Crystal Oscillator	1