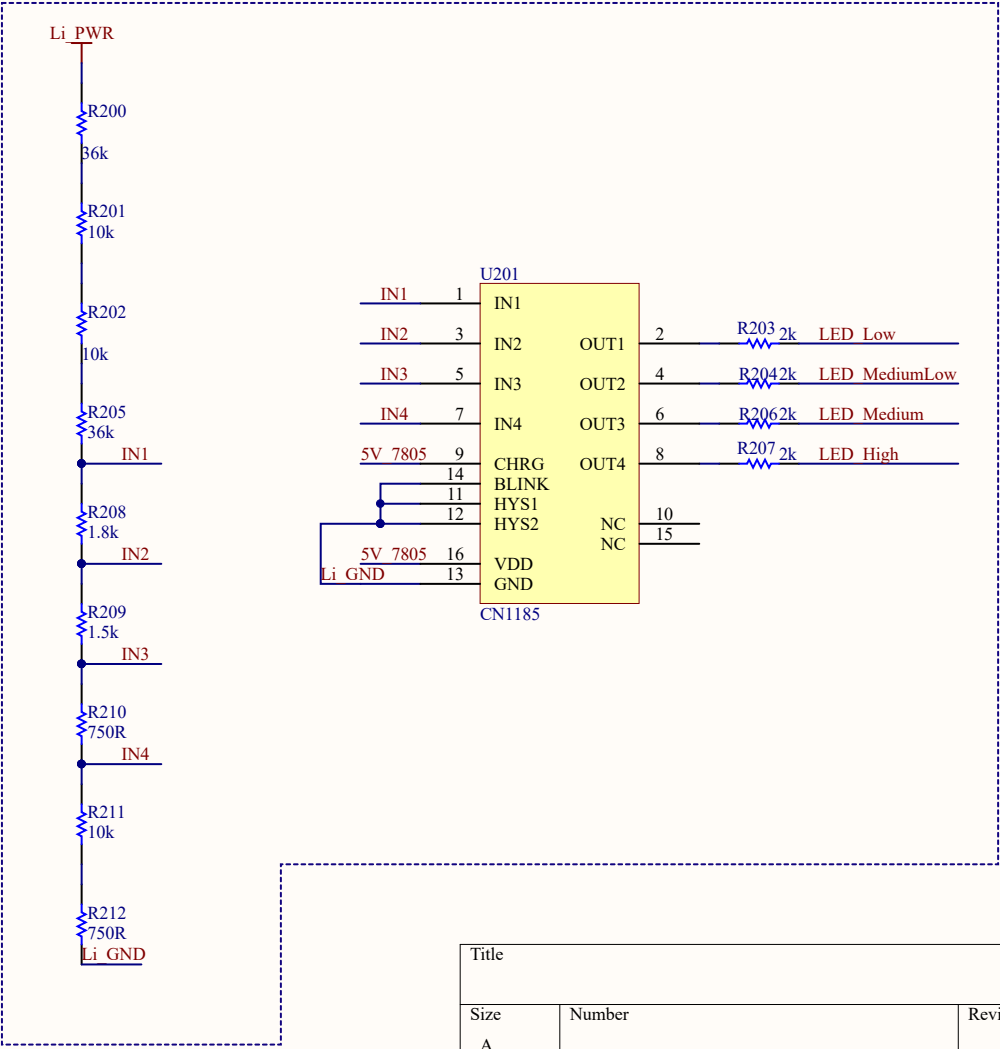
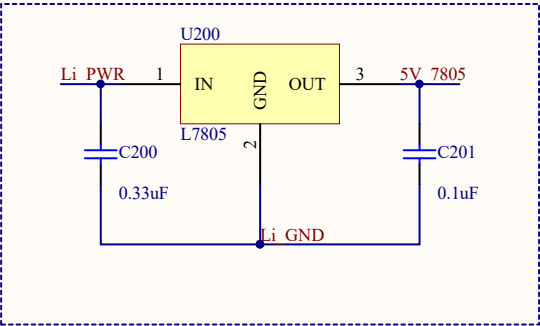
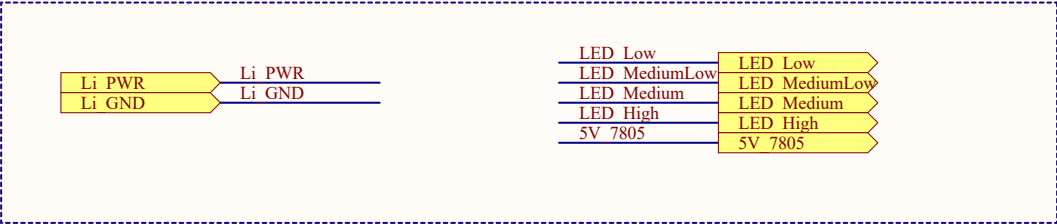


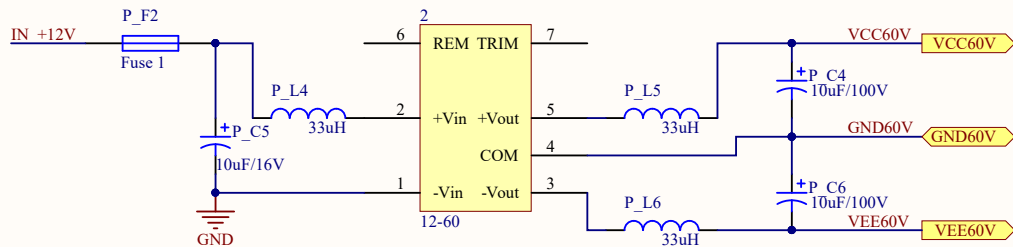
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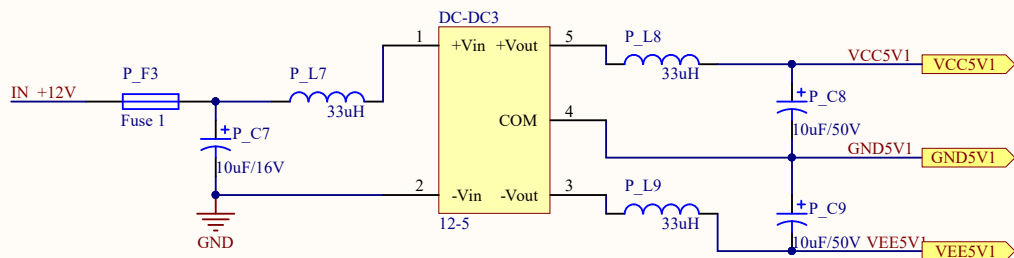
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功能：DC12V转两路隔离

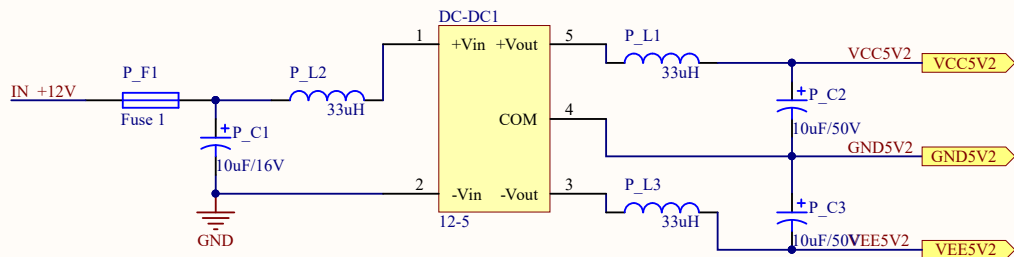
正负60V电源



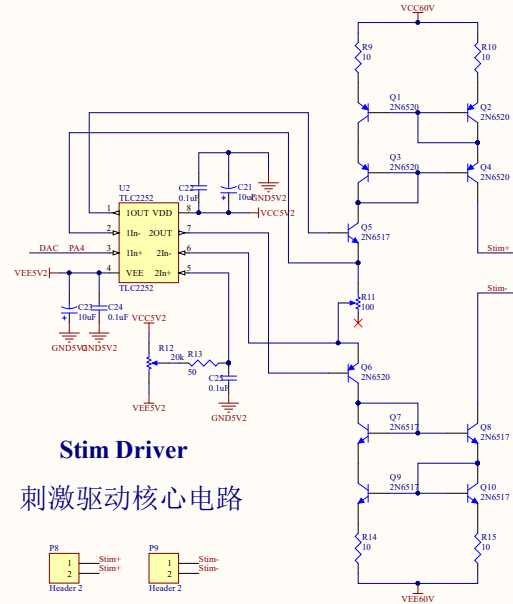
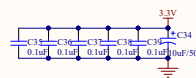
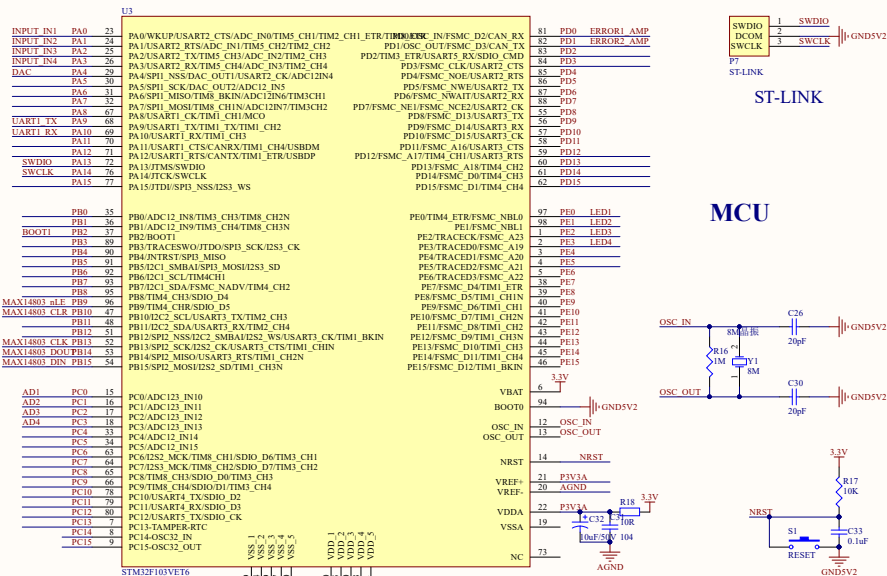
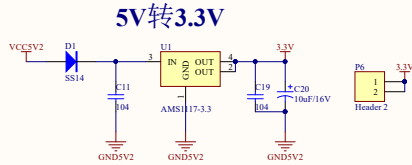
正负5V电源 I路



正负5V电源 II路

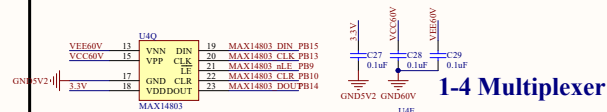


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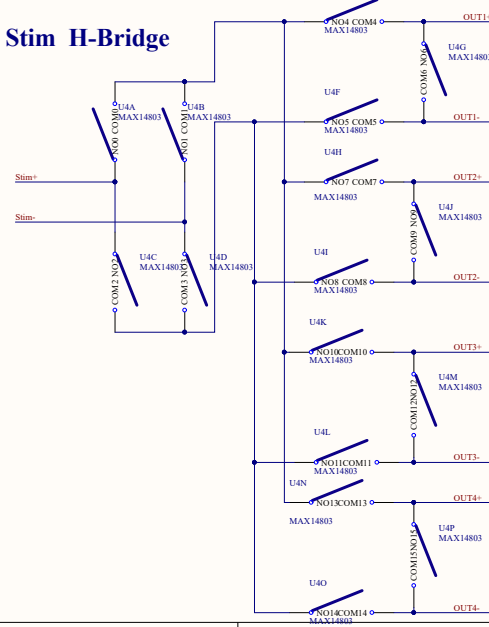


Stim Driver

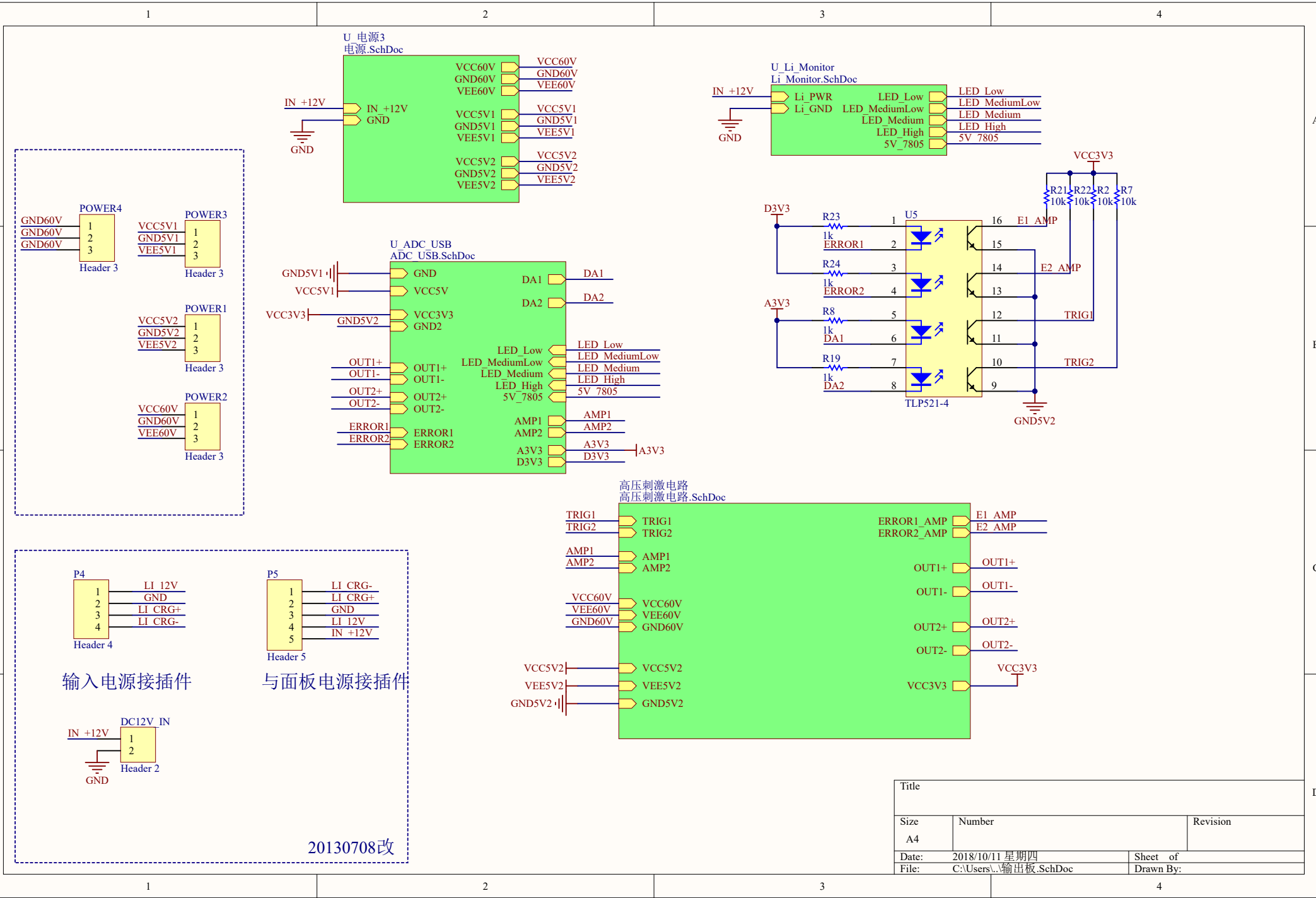
刺激驱动核心电路



Stim H-Bridge



Title		
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Date:	2018/10/11 星期四	Sheet of
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2018.09.21



Bill of Materials

<Parameter Title not found>

Source Data From: PCB_Project3.PrjPcb
Project: PCB_Project3.PrjPcb
Variant: None

Creation Date: 2018/10/11 星期五 下午 5:10:35
Print Date: 43384 43384.71578

Footprint	Comment	LibRef	Designator	Description	Quantity
12-60	12-60	12-60	2		1
ADP1711_3v3	LDO?	ADP1711_3v3	ADP1		1
CC1608-0603	1u	Cap Semi	C1, C2	Capacitor (Semiconductor SIM Model)	2
CC1608-0603	10n	Cap Semi	C3	Capacitor (Semiconductor SIM Model)	1
CC1608-0603	0.1uF	Cap Semi	C4, C9, C13, C22, C24, C25	Capacitor (Semiconductor SIM Model)	6
CC1608-0603	15p	Cap Semi	C5, C6	Capacitor (Semiconductor SIM Model)	2
CC3216-1206	10uF	Cap Semi	C7, C10, C12	Capacitor (Semiconductor SIM Model)	3
CC1608-0603	Cap Semi	Cap Semi	C8	Capacitor (Semiconductor SIM Model)	1
O603	104	Cap Semi	C11, C19, C31	Capacitor (Semiconductor SIM Model)	3
C1206	10uF/16V	Cap Pol1	C20	Polarized Capacitor (Radial)	1
1206	Cap	Cap Pol1	C21, C23	Polarized Capacitor (Radial)	2
O603	20pF	Cap Semi	C26, C30	Capacitor (Semiconductor SIM Model)	2
O603	0.1uF	Cap Semi	C27, C28, C29, C33, C35, C36, C37, C38, C39	Capacitor (Semiconductor SIM Model)	9
O603	10uF/50V	Cap Pol3	C32, C34	Polarized Capacitor (Surface Mount)	2
cap0603	0.33uF	Cap	C200	Capacitor	1
cap0603	0.1uF	Cap	C201	Capacitor	1
msp430f149	MSP430F169	MSP430F149	cpu1		1
DO-214 SMA	SS14	Diode	D1	1.0 Ampere Schottky Barrier Rectifiers	1
HDR1X2	Header 2	Header 2	DC12V_IN, P2, P3, P6, P8, P9	Header, 2-Pin	6
12-5	12-5	12-5	DC-DC1, DC-DC3		2
SMD_LED	IN4148	LED3	DS1	Typical BLUE SiC LED	1
HDR1X6	Header 6	Header 6	JP1	Header, 6-Pin	1
HDR1X3	8M	Header 3	JP2	Header, 3-Pin	1
HDR1X3	Header 3	Header 3	JP6, POWER1, POWER2, POWER3, POWER4	Header, 3-Pin	5
6-0805_M	LED	LED3	LED10	Typical BLUE SiC LED	1
HDR2X17-NIUJIAO	Header 17X2	Header 17X2	P1	Header, 17-Pin, Dual row	1
Power-4P	Header 4	Header 4	P4	Header, 4-Pin	1
Power-5P	Header 5	Header 5	P5	Header, 5-Pin	1
HDR1X3	ST-LINK	ST-LINK	P7		1
cap_2.54	Cap Pol3	Cap Pol3	P_C1, P_C2, P_C3, P_C5, P_C7, P_C8, P_C9	Polarized Capacitor (Surface Mount)	7
cap_2.54	10uF/100V	Cap Pol3	P_C4, P_C6	Polarized Capacitor (Surface Mount)	2
HDR1X2	Fuse 1	Fuse 1	P_F1, P_F2, P_F3	Fuse	3
AXIAL-0.4	Inductor	Inductor	P_L1, P_L2, P_L3, P_L4, P_L5, P_L6, P_L7, P_L8, P_L9	Inductor	9
TO-92A	2N6520	2N3906	Q1, Q2, Q3, Q4, Q6	PNP General Purpose Amplifier	5
TO-92A	2N6517	2N3904	Q5, Q7, Q8, Q9, Q10	NPN General Purpose Amplifier	5
C1608-0603	100K	Res3	R1	Resistor	1
R0603	10k	Res1	R2, R7, R21, R22	Resistor	4
6-0805_M	1	Res Semi	R3, R4	Semiconductor Resistor	2
6-0805_M	Bead	Res2	R5, R6	Resistor	2
R0603	1k	Res1	R8, R19, R23, R24	Resistor	4
C1608-0603	Res3	Res3	R9, R10, R13, R14, R15	Resistor	5
VR5	100	ResVari	R11		1
VR5	20k	ResVari	R12		1
J1-0603	1M	Res3	R16	Resistor	1
J1-0603	10K	Res3	R17	Resistor	1
R0603	10R	Res2	R18	Resistor	1
R0603	0R	Res2	R20	Resistor	1
1608[0603]	2K	Res3	R60	Resistor	1
RES0603	36k	Res1	R200, R205	Resistor	2
RES0603	10k	Res1	R201, R202, R211	Resistor	3
RES0603	2k	Res1	R203, R204, R206, R207	Resistor	4
RES0603	1.8k	Res1	R208	Resistor	1
RES0603	1.5k	Res1	R209	Resistor	1
RES0603	750R	Res1	R210, R212	Resistor	2
SWITCH	RESET	SW-PB	S1	Switch-按键	1
SOT223-4M	AMS1117-3.3	AMS1117	U1		1
INA128_SO8	TLC2252	TLC2252	U2		1
LQFP100	STM32F103VET6	STM32F103VET6	U3		1
TQFP48_N	MAX14803	MAX14803	U4	MAX14803	1
DIP-16	TLP521-4	TLP521-4	U5		1
TO-220-AB	L7805	L7805	U200		1
SSOP16_L	CN1185	CN1185	U201		1
BCY-W2/E4.7	8M	XTAL	Y1	Crystal Oscillator	1
					139

Approved	Notes