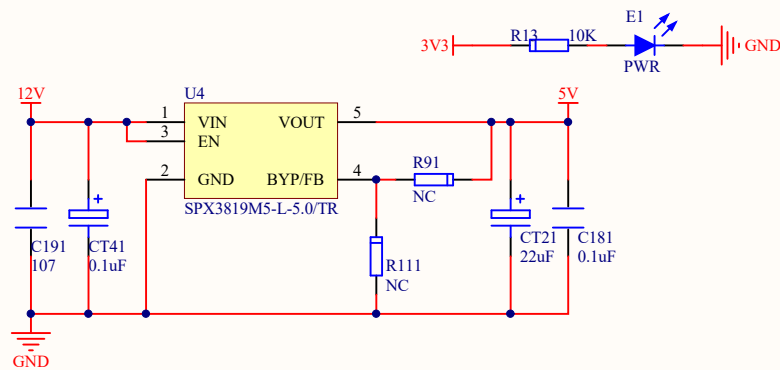
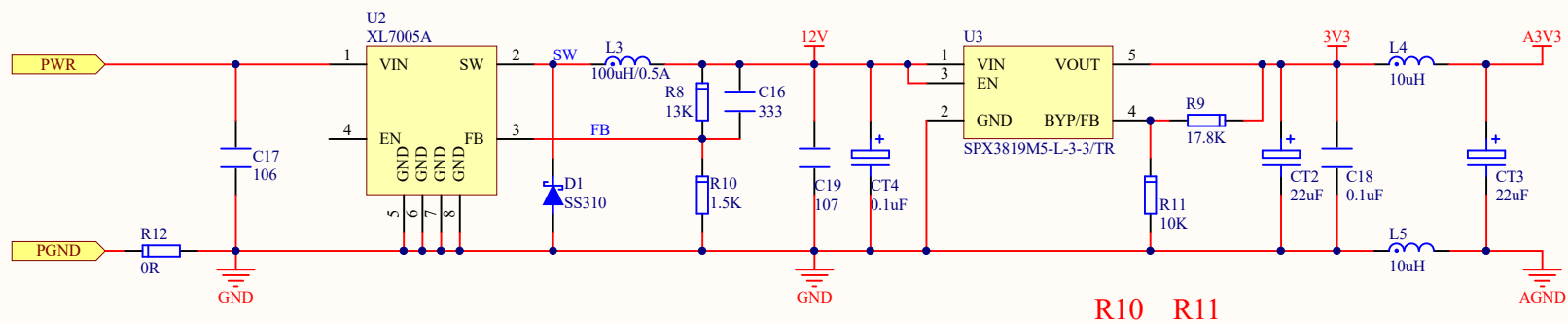
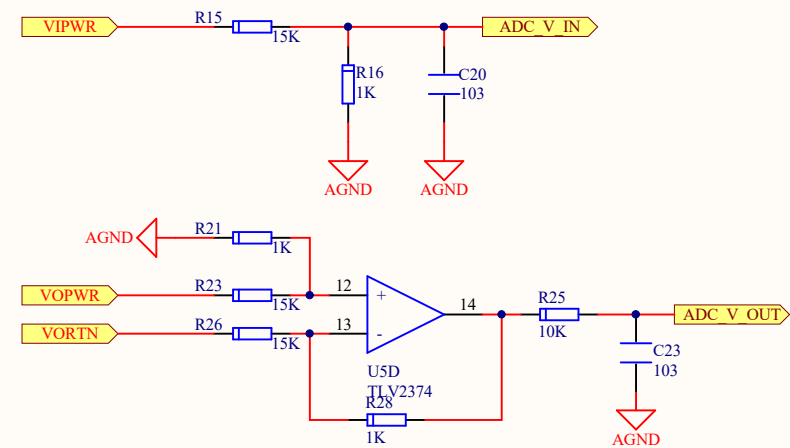
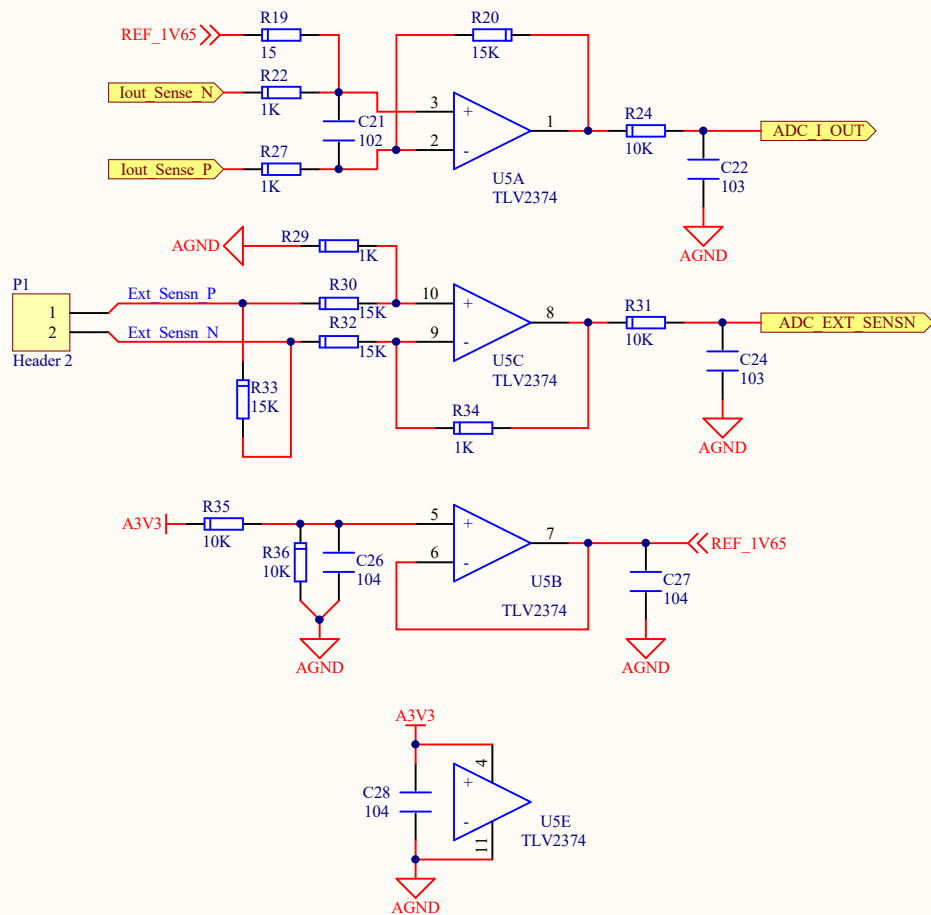


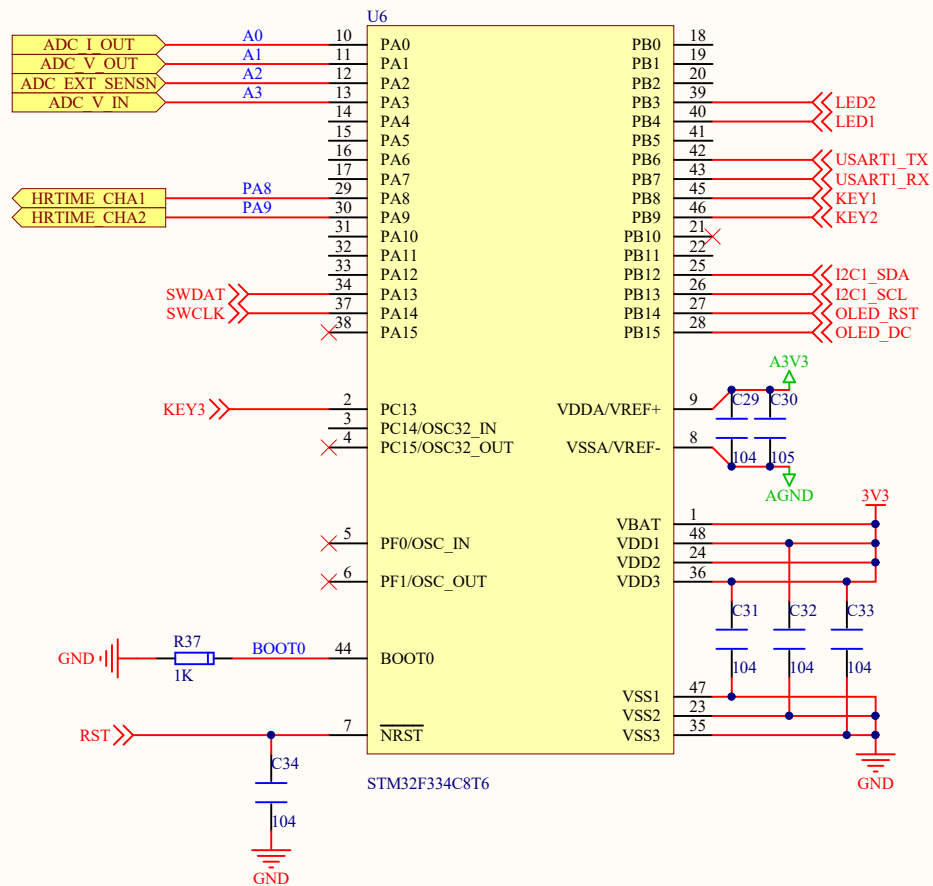
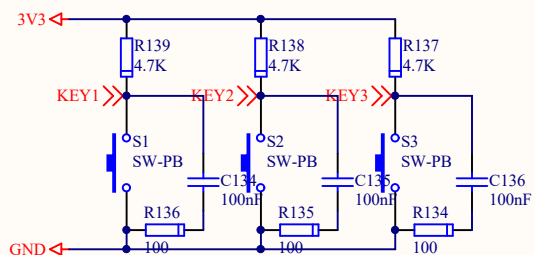
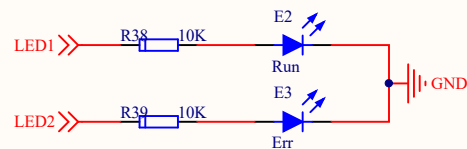
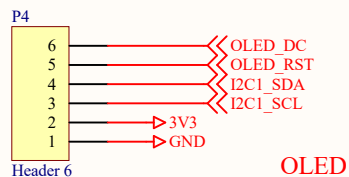
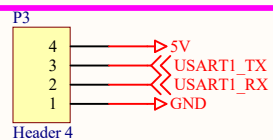
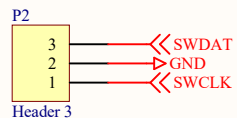
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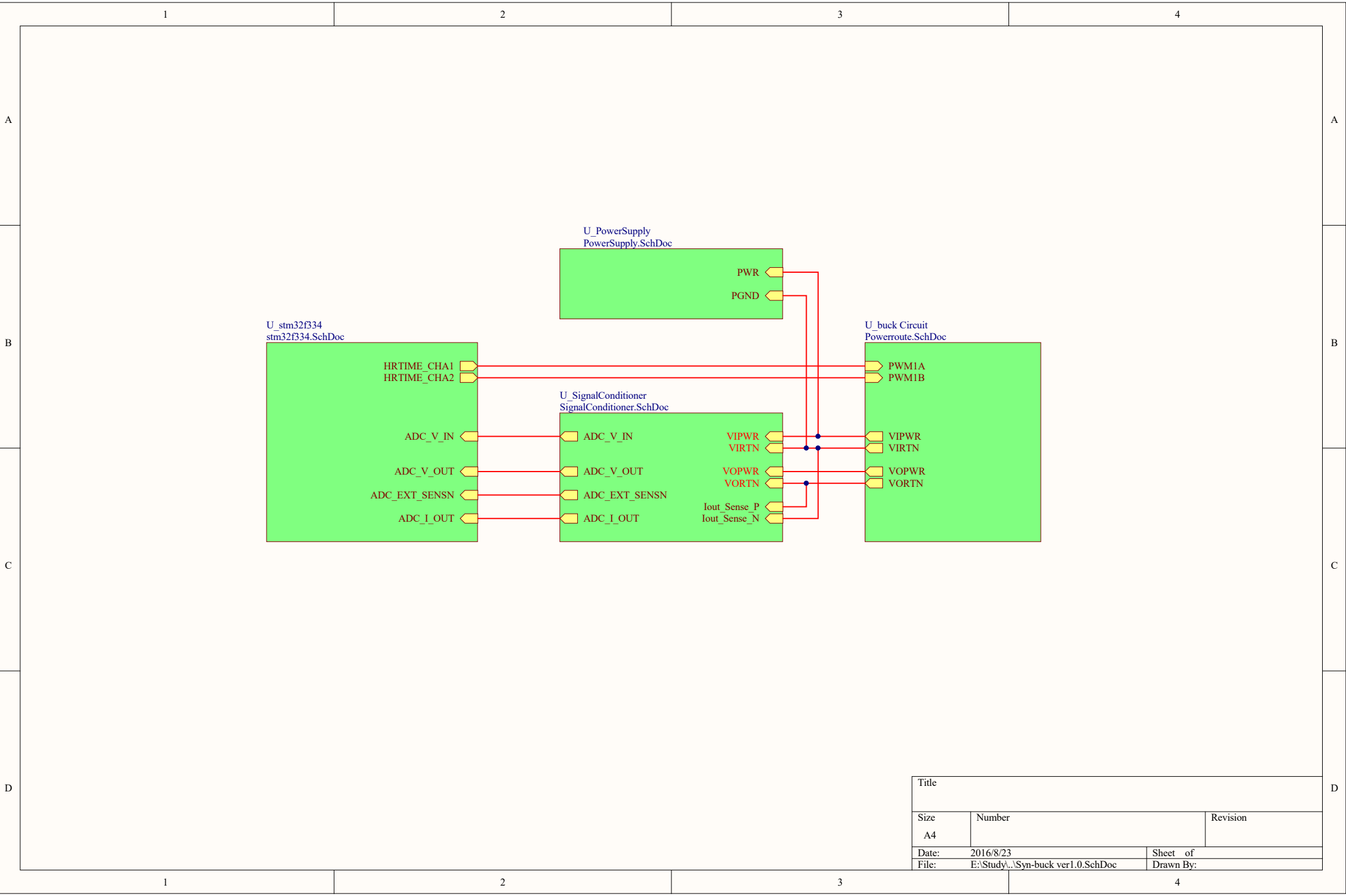
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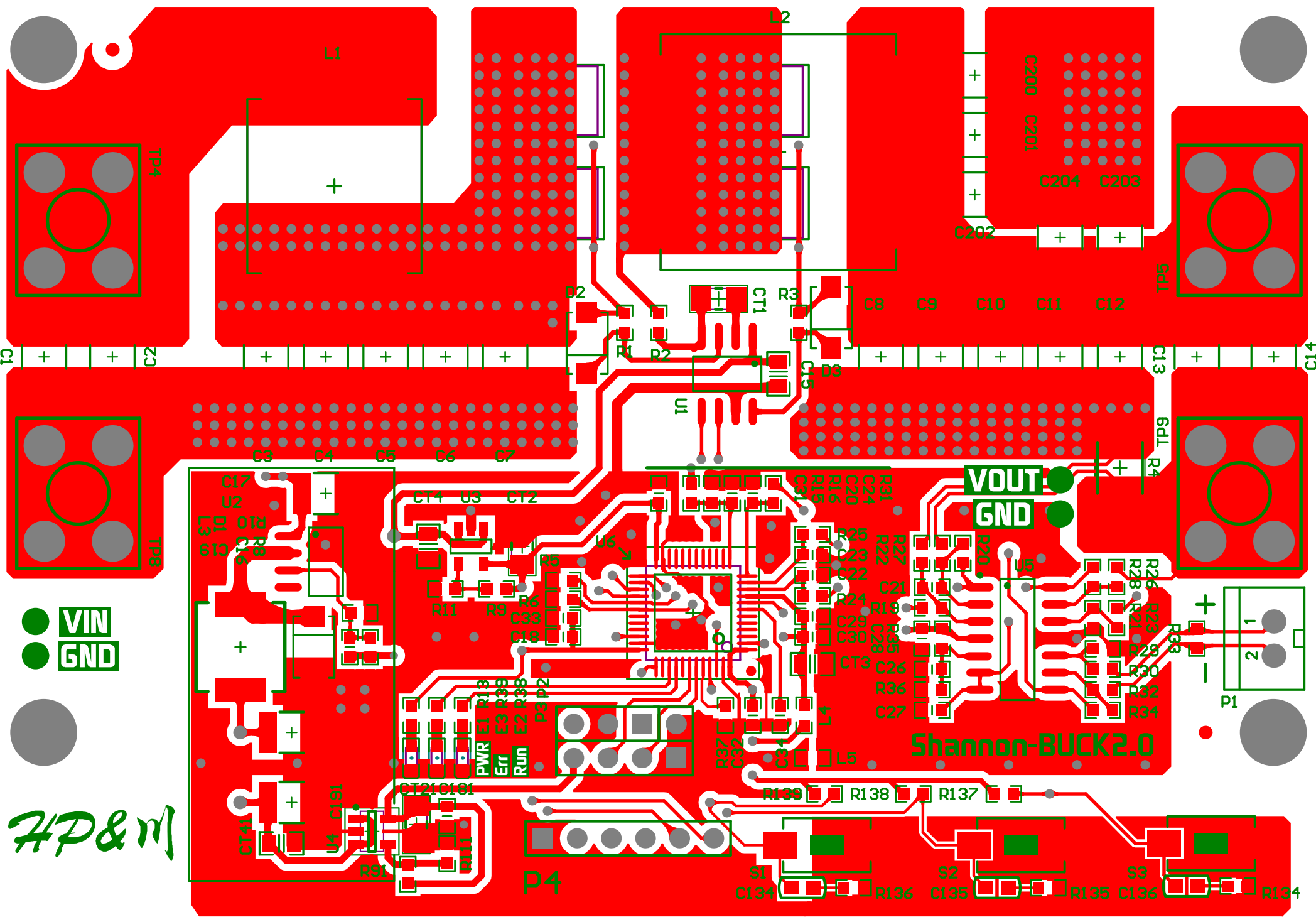
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(mm) 26.89

VIN
GND

4P&11



Bill of Materials

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Source Data From: F334Power.PrjPCB
Project: F334Power.PrjPCB
Variant: None

Creation Date: 2016/8/23 1:05:12
Print Date: 42605 42605.04542

Footprint	Comment	LibRef	Designator	Description	Quantity
C1812	226	Capacitor	C1, C2, C13, C14		4
C1812	106	Capacitor	C3, C4, C5, C6, C7, C8, C9, C10, C11, C12, C100, C101, C102, C103, C104, C203, C204		17
C0805	475	Capacitor	C15		1
C0603	333	Capacitor	C16		1
C1210	106	Capacitor	C17		1
C0603	0.1uF	Capacitor	C18, C181		2
C1210	107	Capacitor	C19, C191		2
C0603	103	Capacitor	C20, C22, C23, C24		4
C0603	102	Capacitor	C21		1
C0603	104	Capacitor	C26, C27, C28, C29, C31, C32, C33, C34		8
C0603	105	Capacitor	C30		1
C-0603	Cap-S	Cap-S	C134, C135, C136	贴片瓷片电容	3
C1812	475	Capacitor	C200, C201, C202		3
C1206	0.47uF	CAP Tantalum	CT1		1
C1206	22uF	CAP Tantalum	CT2, CT21		2
C0805	22uF	CAP Tantalum	CT3		1
C0805	0.1uF	CAP Tantalum	CT4, CT41		2
SMA	SS310	DIODE	D1		1
		SCHOTTKY			
D-SMA	Diode-Schottky	Diode-Schottky	D2, D3	肖特基二极管	2
D0603-R	PWR	LED	E1	Typical RED, GREEN, YELLOW, AMBER GaAs LED	1
D0603-G	Run	LED	E2	Typical RED, GREEN, YELLOW, AMBER GaAs LED	1
D0603-R	Err	LED	E3	Typical RED, GREEN, YELLOW, AMBER GaAs LED	1
L1260	10uH/9A	INDUTOR	L1		1
L1770	15uH/15A	INDUTOR	L2		1
L0630	100uH/0.5A	INDUTOR	L3		1
L0603	10uH	INDUTOR	L4, L5		2
CN2.54-2PIN	Header 2	Header 2	P1	Header, 2-Pin	1
HDR1X3	Header 3	Header 3	P2	Header, 3-Pin	1
HDR1X4	Header 4	Header 4	P3	Header, 4-Pin	1
HDR1X6	Header 6	Header 6	P4	Header, 6-Pin	1
TDS0N-8	BSC123N08NS3	MOSFET	Q1, Q2, Q3, Q4		4
	G				
R0603	20hm	Resistor	R1, R2, R3		3
R2512	10mOhm	R	R4		1
R0603	10K	Resistor	R5, R6, R11, R13, R24, R25, R31, R35, R36, R38, R39		11
R0603	13K	Resistor	R8		1
R0603	17.8K	Resistor	R9		1
R0603	1.5K	Resistor	R10		1
R1206	0R	Resistor	R12		1
R0603	15K	RESISTOR	R15, R20, R23, R26, R30, R32, R33		7
R0603	1K	RESISTOR	R16, R21, R22, R27, R28, R29, R34, R37		8
R0603	15	Resistor	R19		1
R0603	NC	Resistor	R91, R111		2
R0603	100	Resistor	R134, R135, R136		3
R0603	4.7K	Resistor	R137, R138, R139		3
SW_PB2_A1	SW-PB	SW-PB	S1, S2, S3	微动开关	3
SMA	SMAJ90A	TVS	T1, T2		2
PCB-11(M3)	TestPoint	TestPoint	TP4, TP5, TP8, TP9		4
SOP8	UCC27211	UCC27211	U1	Gate drive,MOSFET, IGBT drive	1
SOP8	XL7005A	XL7005A	U2	step down DC/DC	1
SOT23-5	SPX3819M5-L-3-3/TR	SPX3819M5	U3	LDO,Io = 500mA,Vin = 2.5V-16V Vout = 2.5,3.0,3.3,5,adj	1
SOT23-5	SPX3819M5-L-5.0/TR	SPX3819M5	U4	LDO,Io = 500mA,Vin = 2.5V-16V Vout = 2.5,3.0,3.3,5,adj	1
SOP14	TLV2374	TLV2374	U5		1
LQFP48_L	STM32F334C8T6	STM32F334Cx	U6	STM32F334Cx	1

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Approved	Notes