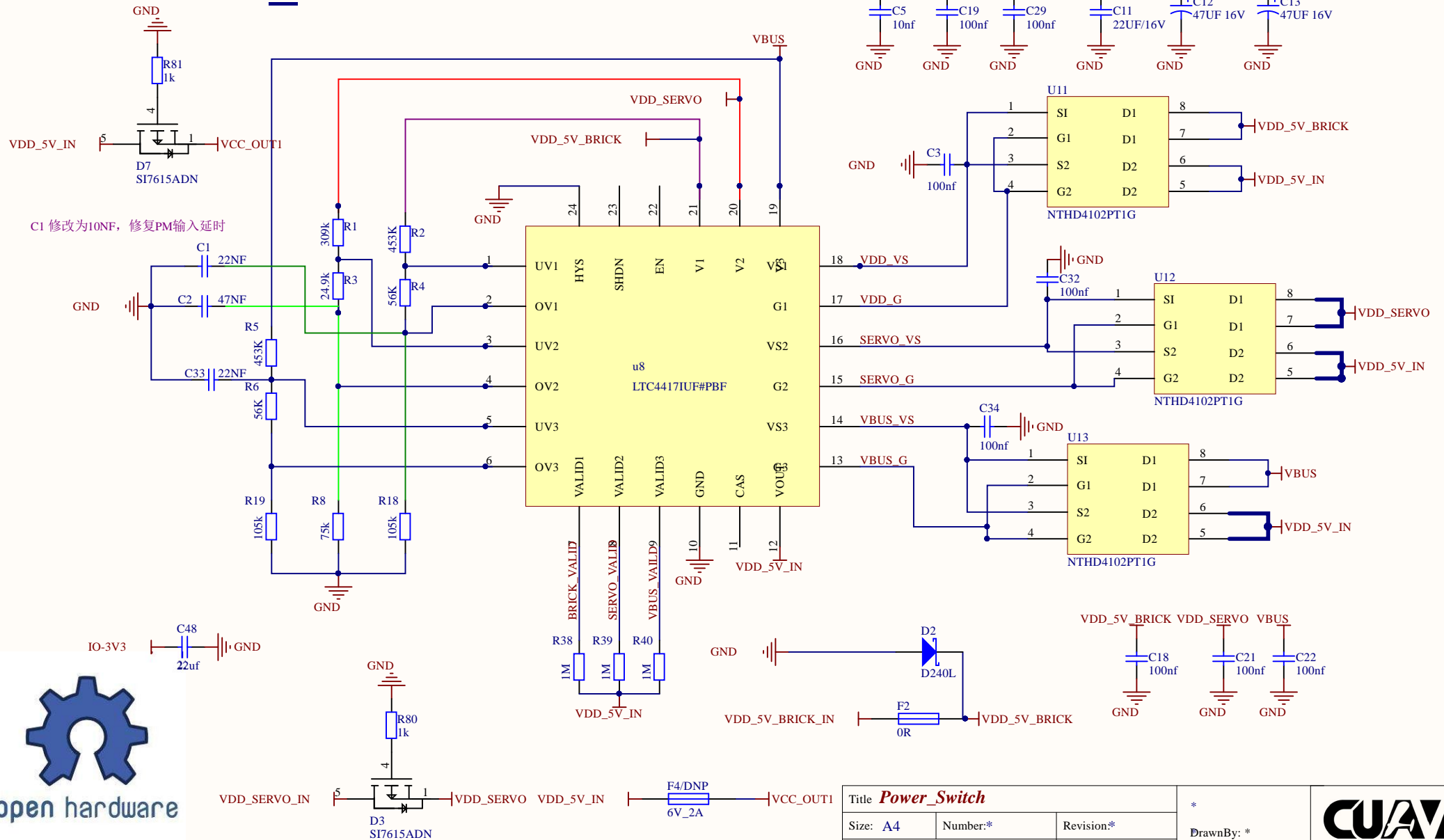
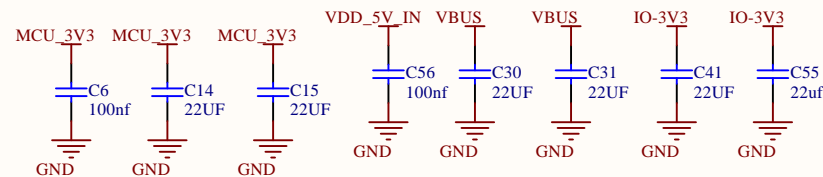
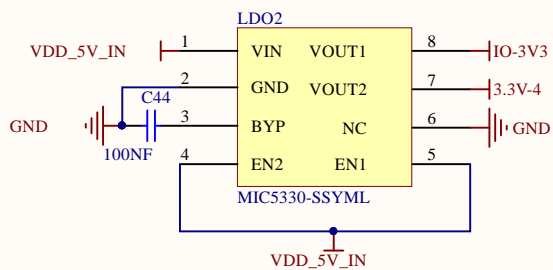
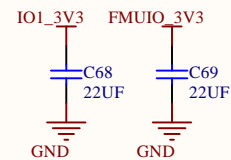
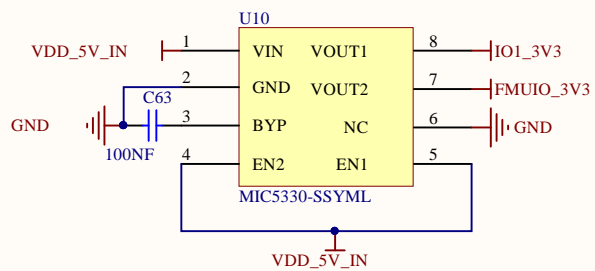
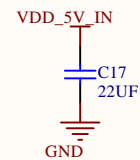
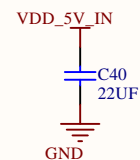
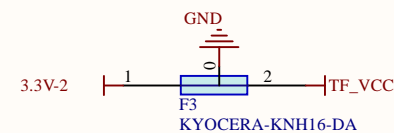
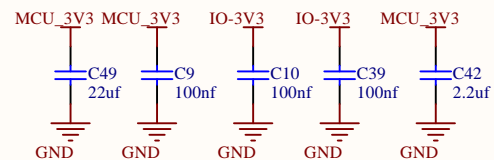
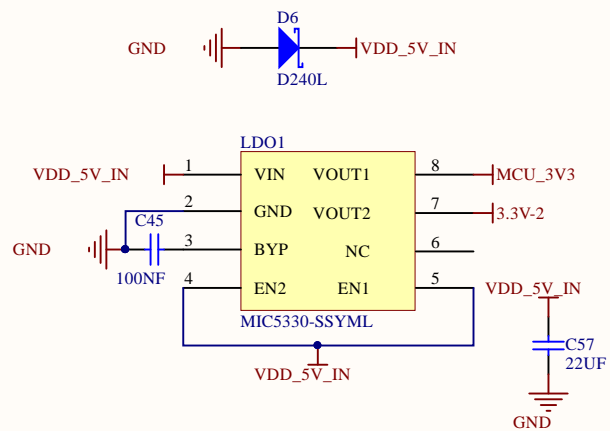


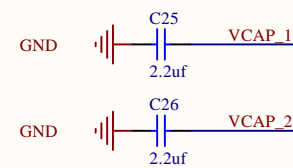
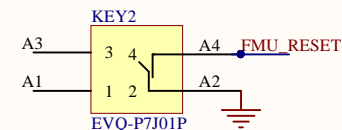
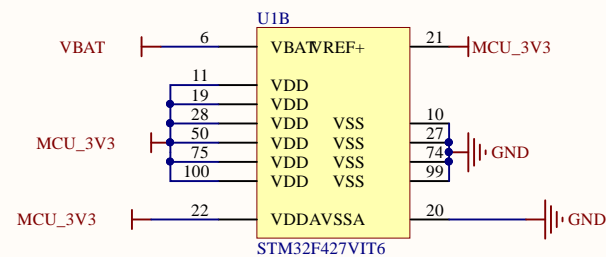
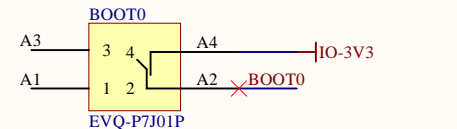
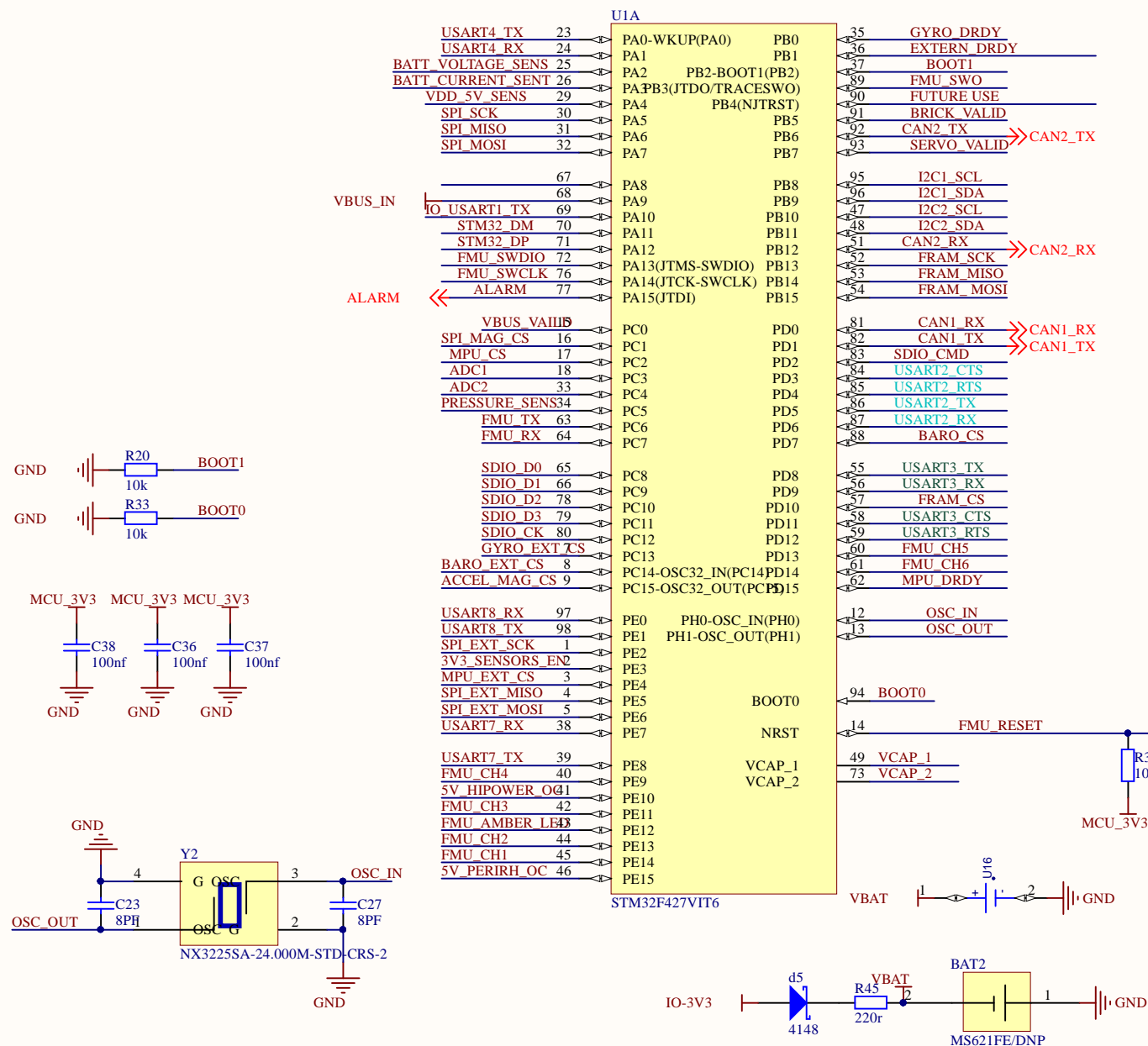
POWER_Switchi



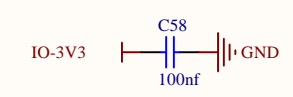
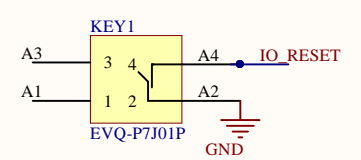
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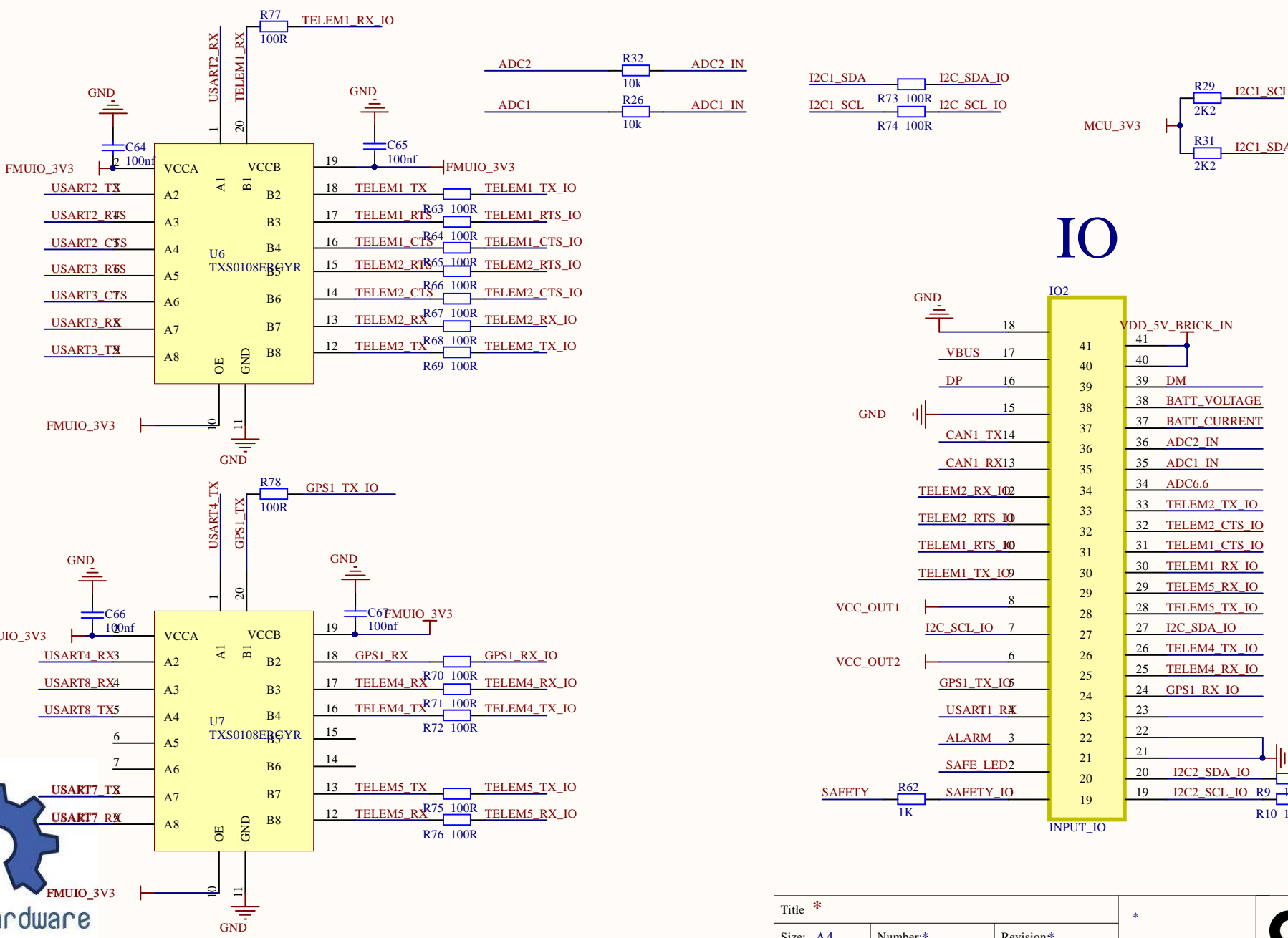
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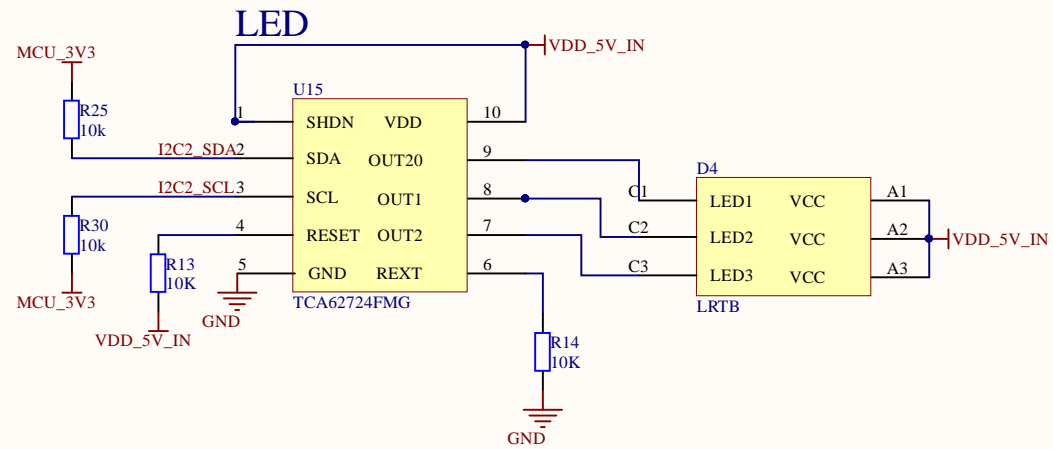
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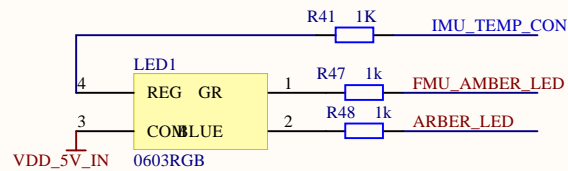
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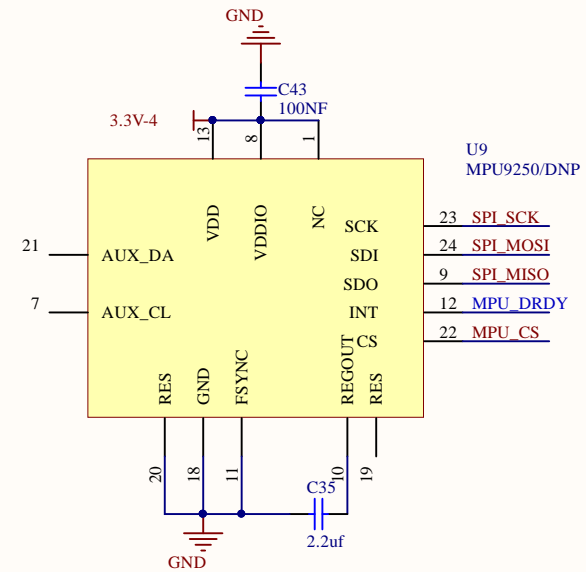
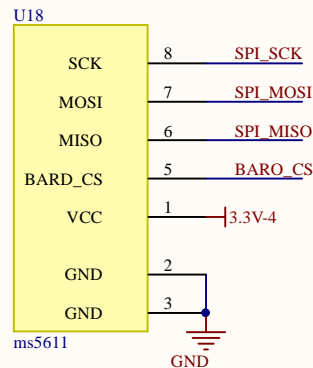
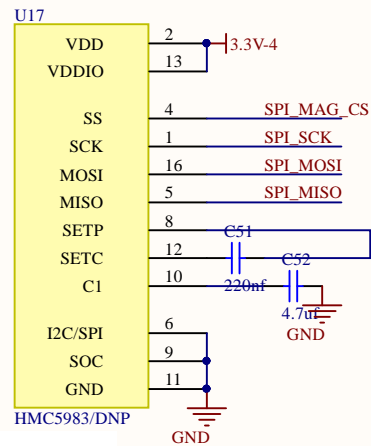
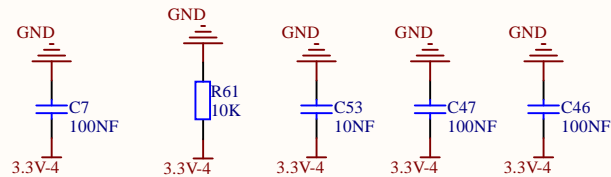
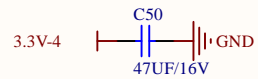
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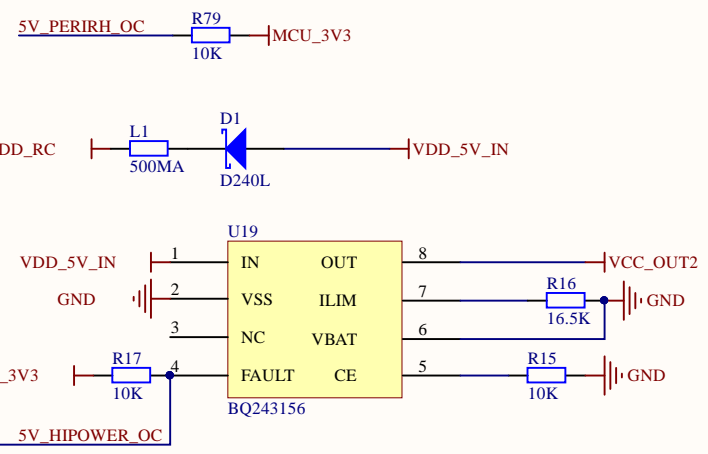
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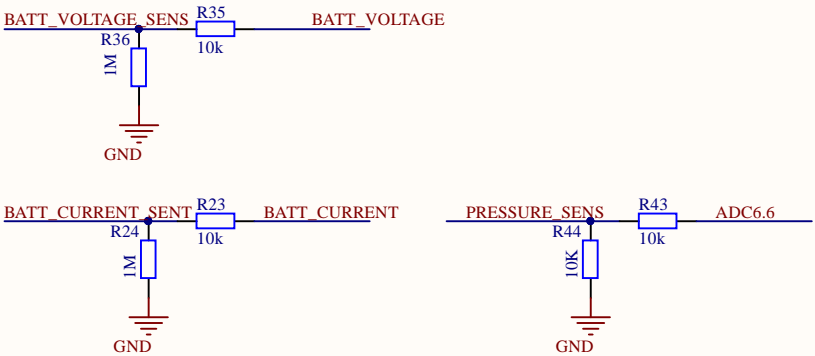
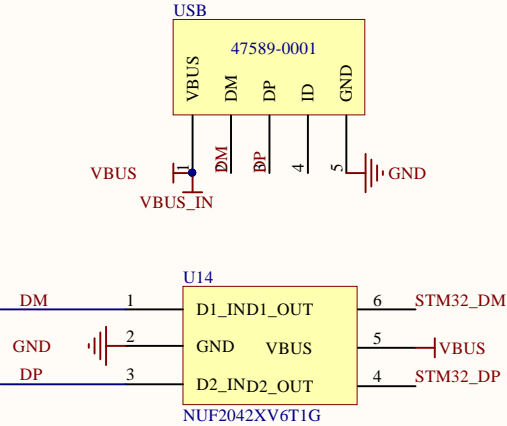
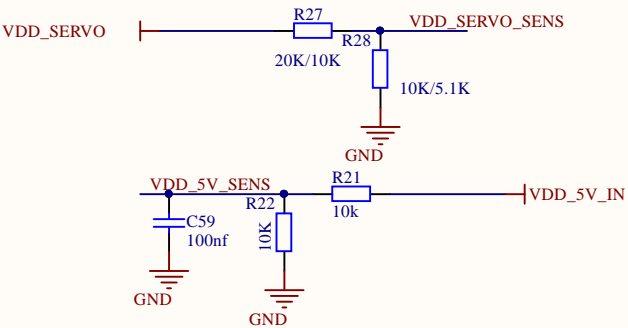
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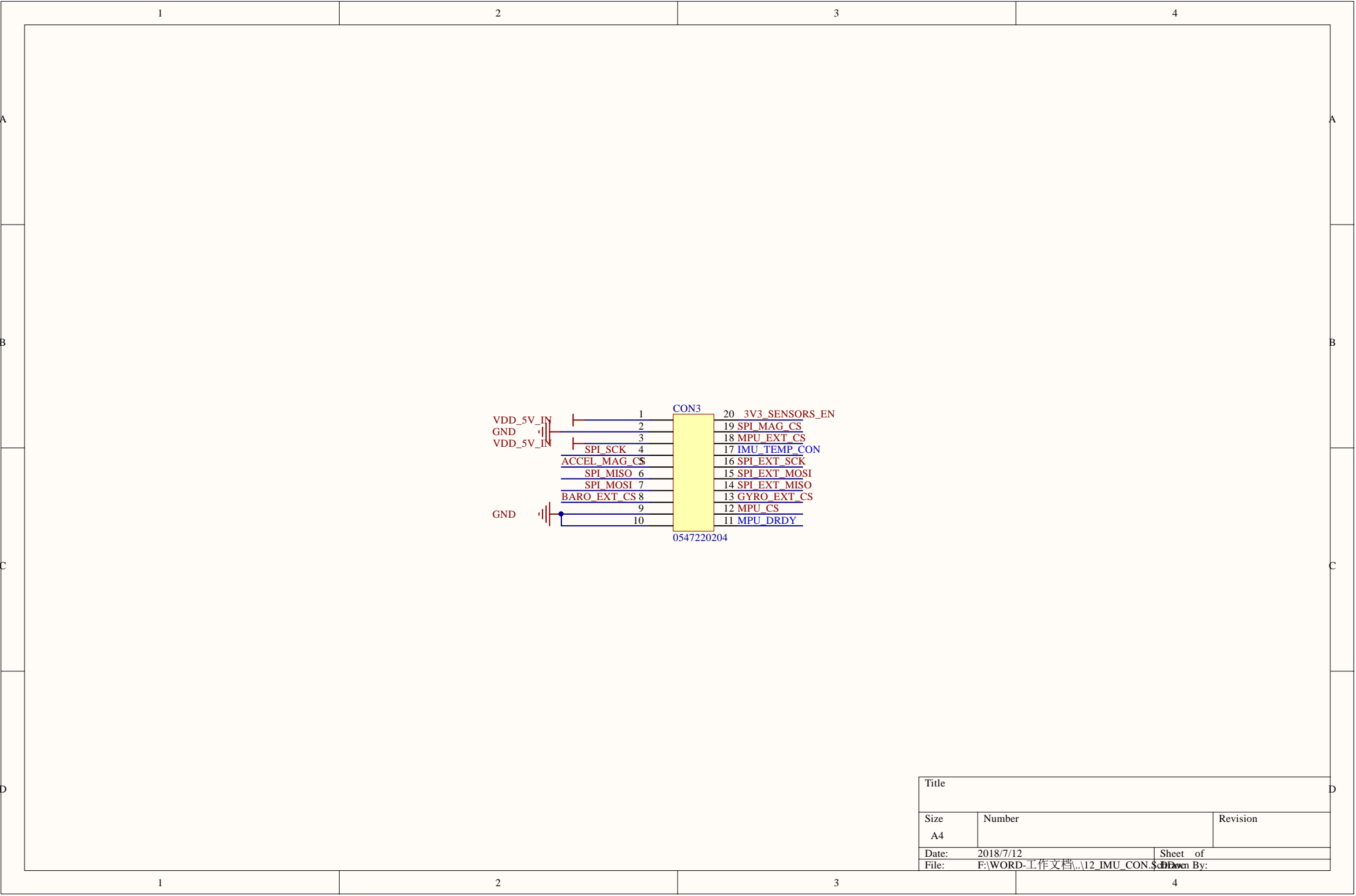


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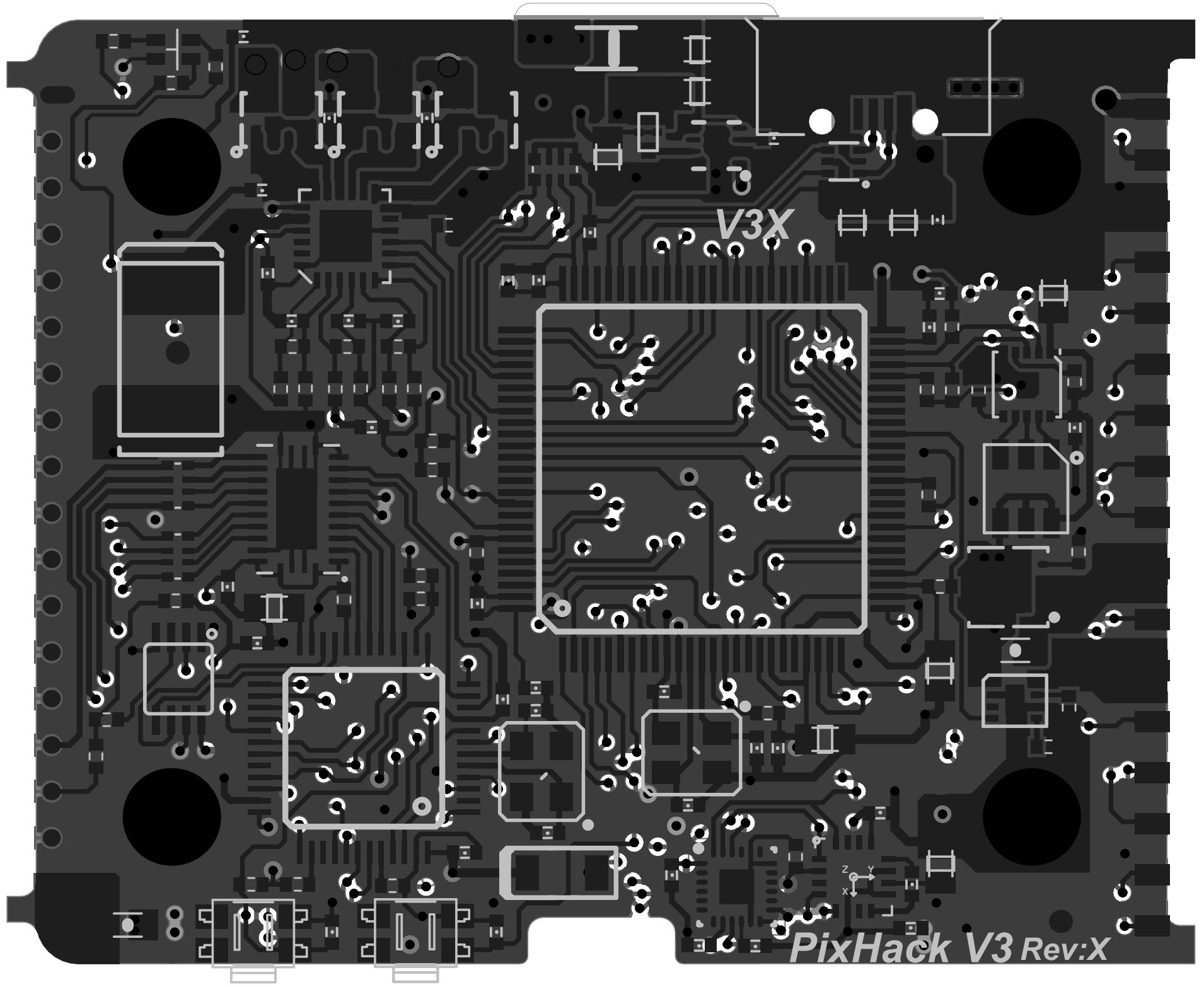
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V3X

PixHack V3 Rev:X

Z
Y
X

Comment	Description	Designator	Footprint	LibRef	Quantity
100k		J	0402_4R	0402_4R	1
MS621FE/DNP		BAT2	MS621FE	MS621FE	1
EVQ-P7J01P		BO0T0_KEY1_KEY2	EVQ-P7J01P	EVQ-P7J01P	3
22NF		C1_C33	0402CAP	Cap	2
47NF		C2	0402CAP	Cap	1
100nf	[NoValue], [NoValue], Capacitor, [NoValue], [NoValue], [NoValue], [NoValue], [NoValue], [NoValue], [NoValue], [NoValue], [NoValue], [NoValue], [NoValue], [NoValue], [NoValue], Capacitor, [NoValue], [NoValue], Capacitor, Capacitor, [NoValue], [NoValue], [NoValue], [NoValue], [NoValue], [NoValue], [NoValue], [NoValue]	C3_C6_C7_C9_C10, C18_C19_C20_C21, C22_C24_C28_C29, C32_C34_C36_C37, C38_C39_C43_C44, C45_C46_C47_C56, C58_C59_C60_C61, C62_C63_C64_C65, C66_C67	0402CAP	Cap	35
8PF		C4_C8_C23_C27	0402CAP	Cap	4
10mf	[NoValue], Capacitor	C5_C53	0402CAP	Cap	2
22UF/16V		C11	0805CAP	Cap	1
47UF 16V	Polarized Capacitor (Radial)	C12_C13	7343CAP	Cap Pol1	2
22UF		C14_C15_C16_C17, C30_C31_C40_C41, C48_C49_C57_C68_C69	0805CAP	Cap	13
2.2uf	[NoValue], [NoValue], Capacitor, [NoValue]	C25_C26_C35_C42	0402CAP	Cap	4
47UF/16V		C50	c1206a	Cap	1
220nf	Capacitor	C51	0402CAP	Cap	1
4.7uf	Capacitor	C52	0805cap	Cap	1
2.2UF/16V		C54	0402CAP	Cap	1
22uf		C55	c1206a	Cap	1
TF-CARD		CON2	A7352-1001	A7352-1001	1
0547220204		CON3	0547220204	0547220204	1
D240L	Schottky Diode	D1_D2_D6	SOD-123	D Schottky	3
SI7615ADN		D3_D7	DFN3x3_8L	P_MOS_2	2
LRTB		D4	LRTB	LRTB	1
DNP		ESD2	ESD0402	ESD0402	1
OR	Fuse	F2	0805L	Fuse 1	1
KYOCERA-KNH16-DA		F3	KYOCERA-KNH16-DA	KYOCERA-KNH16-DA	1
6V_2A	Fuse	F4/DNP	0805L	Fuse 1	1
pix_pwm_io		I01	pix_pwm_out	pix_pwm_io	1
INPUT_IO		I02	INPUT_IO	INPUT_IO	1
500MA	Resistor	L1	0805L	Res2	1
MIC5330-SSVML		LDO1_LDO2_U10	MCIC5530	MCIC5530	1
0603RGB		LED1	0603RGB	0603RGB	1
309K	Resistor	R1	R0402	Res2	1
453K	Resistor	R2_R5	R0402	Res2	2
24 9k	Resistor	R3	R0402	Res2	1
56K	Resistor	R4_R6	R0402	Res2	2
10k	Resistor	R7_R12_R13_R14_R15, R17_R20_R21_R22, R23_R25_R26_R30, R32_R33_R34_R35, R37_R42_R43_R44, R46_R61_R79_R82_R83	R0402	Res2	26
75k	Resistor	R8	R0402	Res2	1
100R	Resistor	R9_R10_R56_R57_R58, R60_R63_R64_R65, R66_R67_R68_R69, R70_R71_R72_R73, R74_R75_R76_R77_R78	R0402	Res2	22
220R	Resistor	R11_R45_R50_R54, R84_R85_R86_R87	R0402	Res2	8
16.5K	Resistor	R16	R0402	Res2	1
105K	Resistor	R18_R19	R0402	Res2	2
1M	Resistor	R24_R36_R38_R39_R40	R0402	Res2	5
20K/10K	Resistor	R27	R0402	Res2	1
10K/5.1K	Resistor	R28	R0402	Res2	1
2K2	Resistor	R29_R31	R0402	Res2	2
1K	Resistor	R41_R47_R48_R49, R53_R55_R62_R80_R81	R0402	Res2	9
100R		R51_R52	0402_4R	0402_4R	2
22R	Resistor	R59	R0402	Res2	1
STM32F427VIU6	ARM Cortex-M4 32-bit MCU + FPU, 210 DMIPS, 2048 kB Flash, 256 kB Internal RAM, 52 I/Os, 100-pin LQFP, -40 to 85 degC, Tray	U1	TQFP100_2	STM32F427VIU6	1
STM32F103CBT6		U2	TQFP48	STM32F103CBT6	1
TXS010BERGVR		U3_U6_U7	QFN20-RGY	TXS010BE	3
74LVCG2G40DP		U4	TSOPSR - duplicate	74LVCG2G40	1
FM25V01-G		U5	SO-8	Component_1	1
MPU9250/DNP		U9	QFN24-0.4	MPU9250	1
NTHD4102PTTG		U11_U12_U13	1206A-03	NTHD4102PTTG	3
NUP2042XV6T1G		U14	TS0563-6	NUP2042XV6T1G	1
TC6A2724FMG		U15	SON10	TC6A2724FMG	1
PWR1-2.1		U16	PAS4148S-VSE8R	PWR1-2.1	1
HMC5983/DNP		U17	HMC5983	HMC5983	1
ms5611		U18	ms5611	ms5611	1
BQ243156		U19	OFN8	BQ243156	1
SN74LVCH82T45		U20	QFN24-RGY	SN74LVCH82T45	1
4759-0001		U5B	moles usb	moles usb	1
XQ325SA-24.000M- STD-CSR-2		Y1_Y2	TSX-3225	NX325ESA-24.000MHz- STD-CSR-1 TSX-3225	2
4148	Schottky Diode	d5	SOD323	D Schottky	1
LTCA4171UF+PBF		u8	QFN24	LTCA4171UF+PBF	1