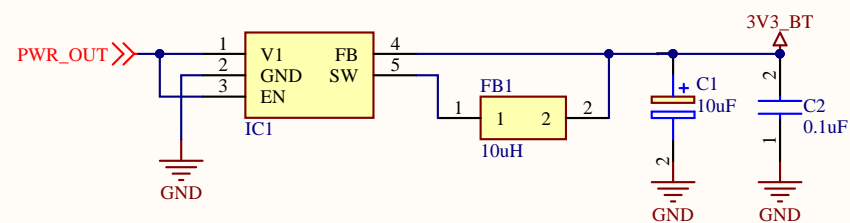
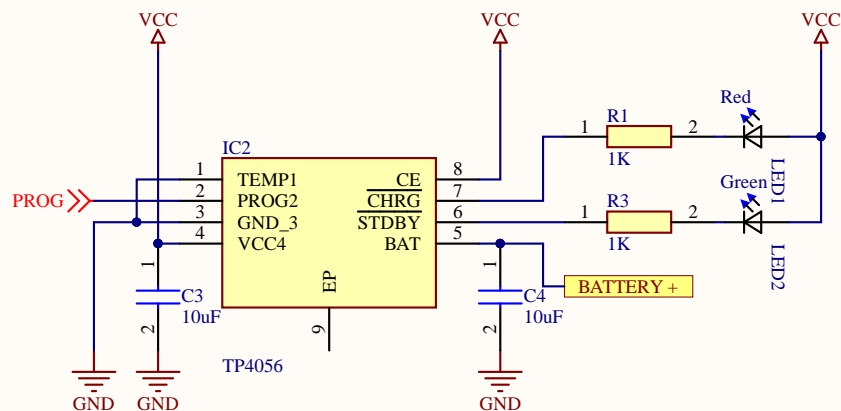
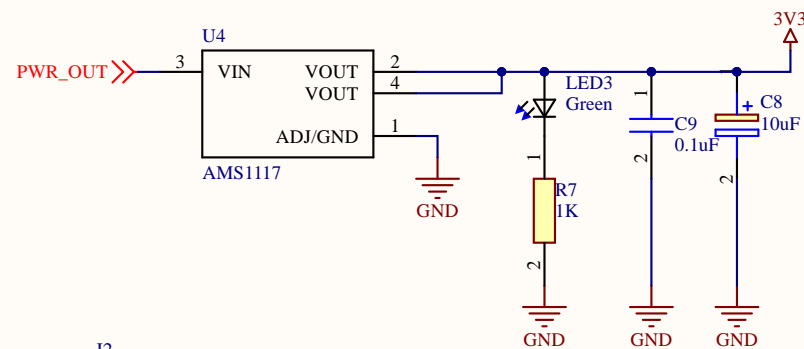
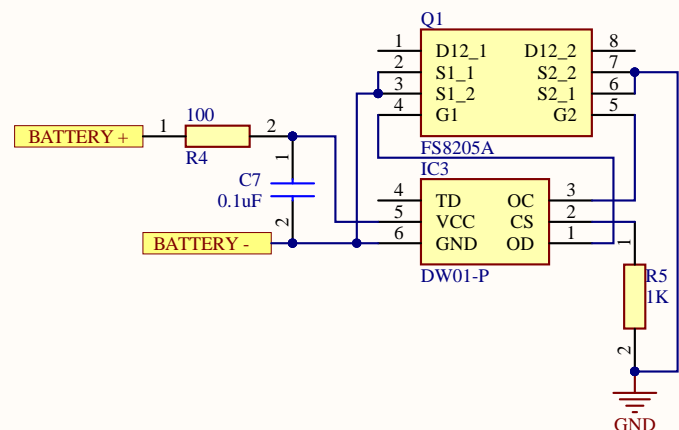


A



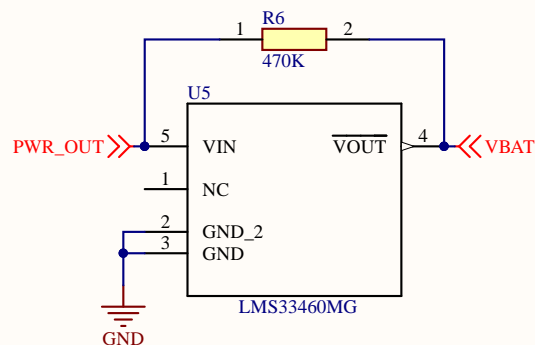
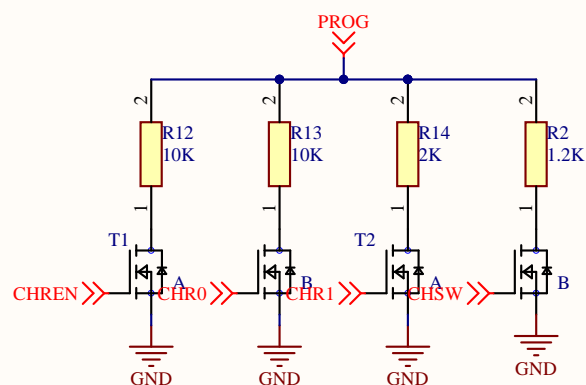
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B

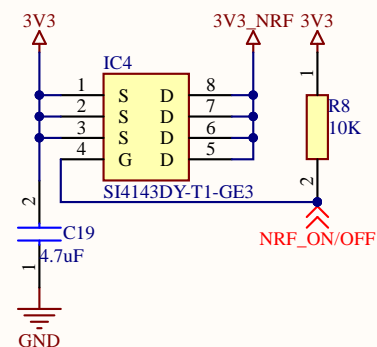


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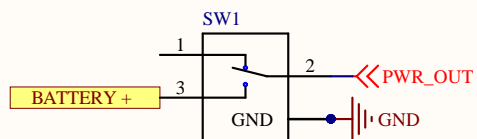
C



C

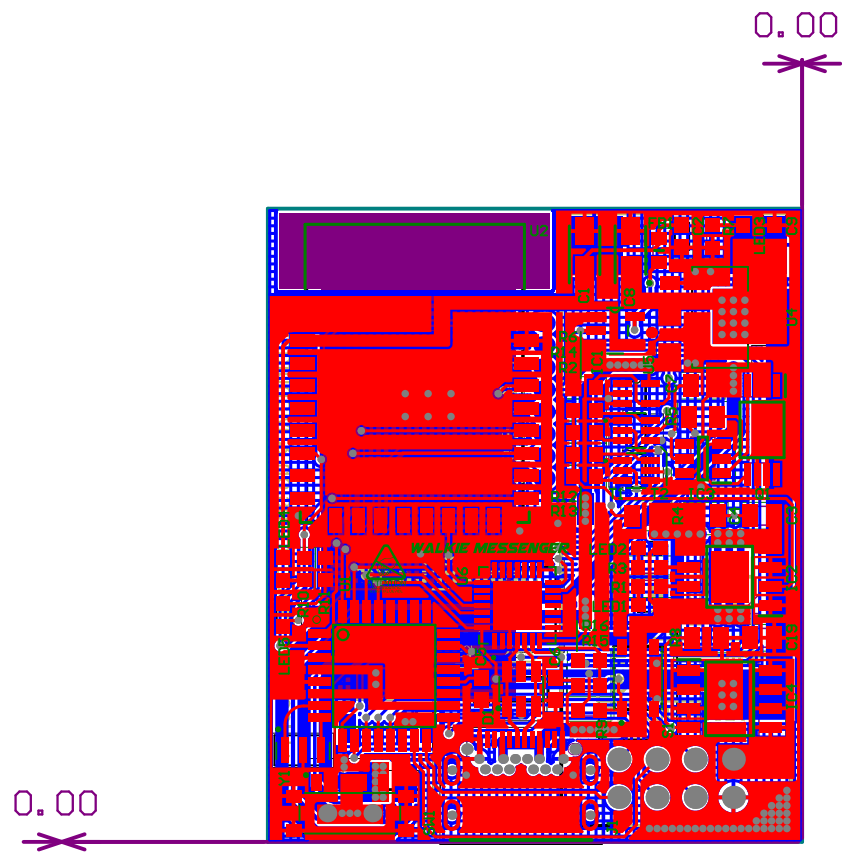


D



Title		
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D



Line #	Designator	value	Name	Description	Quantity	Footprint	Manufacturer 1	Manufacturer Part Number 1	Manufacturer Lifecycle 1	Supplier 1	Supplier Part Number 1	Supplier Unit Price 1	Supplier Subtotal 1
	C1, C8	10uF	tantalum capacitor 1206	Capacitor Polarised	2	CAPP3216X180N	KEMET	T491A106K010AT	Volume Production	Digi-Key	399-3684-1-ND	0.41	0.82
	C2, C5, C6, C9	0.1uF	capacitor 0603	Capacitor	4	*CAPC1608X65N	KEMET	C0603C104K5RACU	Volume Production	Digi-Key	399-5089-1-ND	0.12	0.48
	C3, C4	10uF	08055A101JA12A	Capacitor	2	CAPC2012X94N	Kyocera AVX	08055A101JA12A	Volume Production	Digi-Key	478-1316-1-ND	0.16	0.32
	C7	0.1uF	08055A101JA12A	Capacitor	1	CAPC2012X94N	Kyocera AVX	08055A101JA12A	Volume Production	Digi-Key	478-1316-1-ND	0.16	0.16
	C19	4.7uF	08055A101JA12A	Capacitor	1	CAPC2012X94N	Kyocera AVX	08055A101JA12A	Volume Production	Newark	60R6300	0.018	0.018
	D1		USBLC6-2506	USBLC6 Series 2 Line	1	*SOT95P280X145-6N							
	FBI	10uH	inductor 0603	Ferrite Bead	1	BEADC1608X65N							
	IC1		TPS62203	Integrated Circuit	1	SOT95P280X145-5N							
	IC2		TP4066	Integrated Circuit	1	SOIC127P600K175-9N							
	IC3		DW01-P	Integrated Circuit	1	SOT95P280X135-6N							
	IC4		SI4143DY-T1-GE3	Integrated Circuit	1	SI4143DY-T1-GE3							
	J1		DX07S024XJ1R1100	Cut Tape - Usb Type d	1	*JAE_DX07S024XJ1R1100_DX07S024XJ1R1100(Primary)							
	J2		S2B-ZR-SM4A-TF (LF) (SN)	Connector Header S	1	*JST_S2B-ZR-SM4A-TF (LF) (SN)_S2B-ZR-SM4A-TF (LF) (SN)(Primary)							
	LED1, LED4	Red	HSMR-C191	LED Indication - Disc	2	*0603							
	LED2, LED3	Green	HSMR-C191	LED Indication - Disc	2	*0603							
	LED5	Orange	HSMR-C191	LED Indication - Disc	1	*0603							
	Q1		FS8205A	Transistor	1	SOP65P640X120-8N							
	R1, R3, R7, R10, R11	1K	resistor	Resistor	5	RESC1608X65N							
	R2	1.2K	resistor	Resistor	1	RESC1608X65N							
	R4	100	CPF0805	Resistor	1	RESC2012X65N							
	R5	1K	CPF0805	Resistor	1	RESC2012X65N							
	R6	470K	resistor	Resistor	1	RESC1608X65N							
	R8	10K	CPF0805	Resistor	1	RESC2012X65N							
	R9, R12, R13	10K	resistor	Resistor	3	RESC1608X65N							
	R14	2K	resistor	Resistor	1	RESC1608X65N							
	R15	22.1K	resistor	Resistor	1	RESC1608X65N							
	R16	47.5K	resistor	Resistor	1	RESC1608X65N							
	S1		PTS810SJG250SMIRFS	Tactile Switch SPST-1	1	*PTS810SJG250SMIRFS							
	SW1		1437575-1	Slide Switch SPDT Su	1	*SW_MLL1200S_MLL1200S(Primary)							
	T1, T2		PMGD780SN	Mosfet Array 2 N- Cha	2	*SOP65P210X10-6N	Philips	PMGD780SN115	Volume Production	Digi-Key	1727-3127-1-ND	0.42	0.84
	U1		ATMEGA328P-AN	AVR AVR@ ATmega	1	*QFP80P900X900X120-32N	Microchip / Atmel	ATMEGA328P-ANR	Volume Production	Digi-Key	ATMEGA328P-ANRCT-ND	2.18	2.18
	U2		JDY-23	Bluetooth Bluetooth	1	*JDY-23							
	U3		NRF24L01P+		1	NRF24L01P+							
	U4		AMS1117	1A LOW DROPOUT V	1	*SOT229P700X180-4N	STMicroelectronics	LD1117STR	Volume Production	Digi-Key	497-1244-1-ND	0.43	0.43
	U5		LM533460G	3V Under Voltage De	1	*SOT65P210X10-5N							
	U6		CP2102N-A01-G0FN28	USB Bridge, USB to U	1	*QFN50P500X500X80-28N							
	Y1		PBRC8.00MR10K000	8MHz Ceramic Reson	1	*XTAL_PBRC8.00MR10K000							