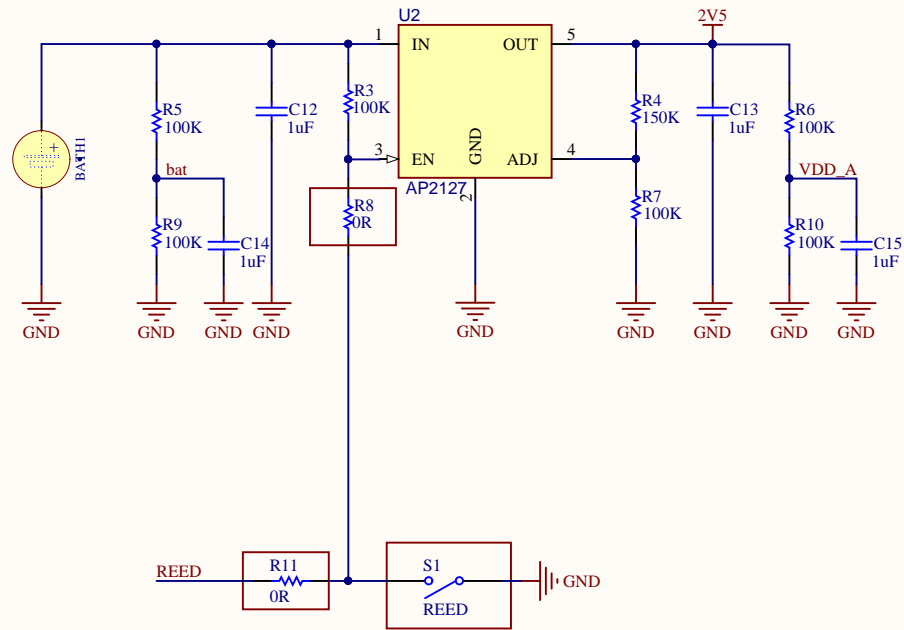


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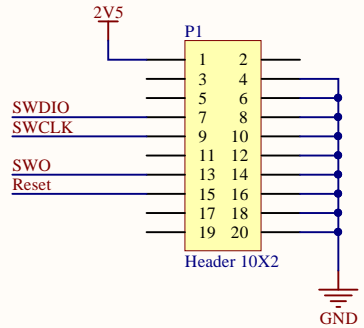
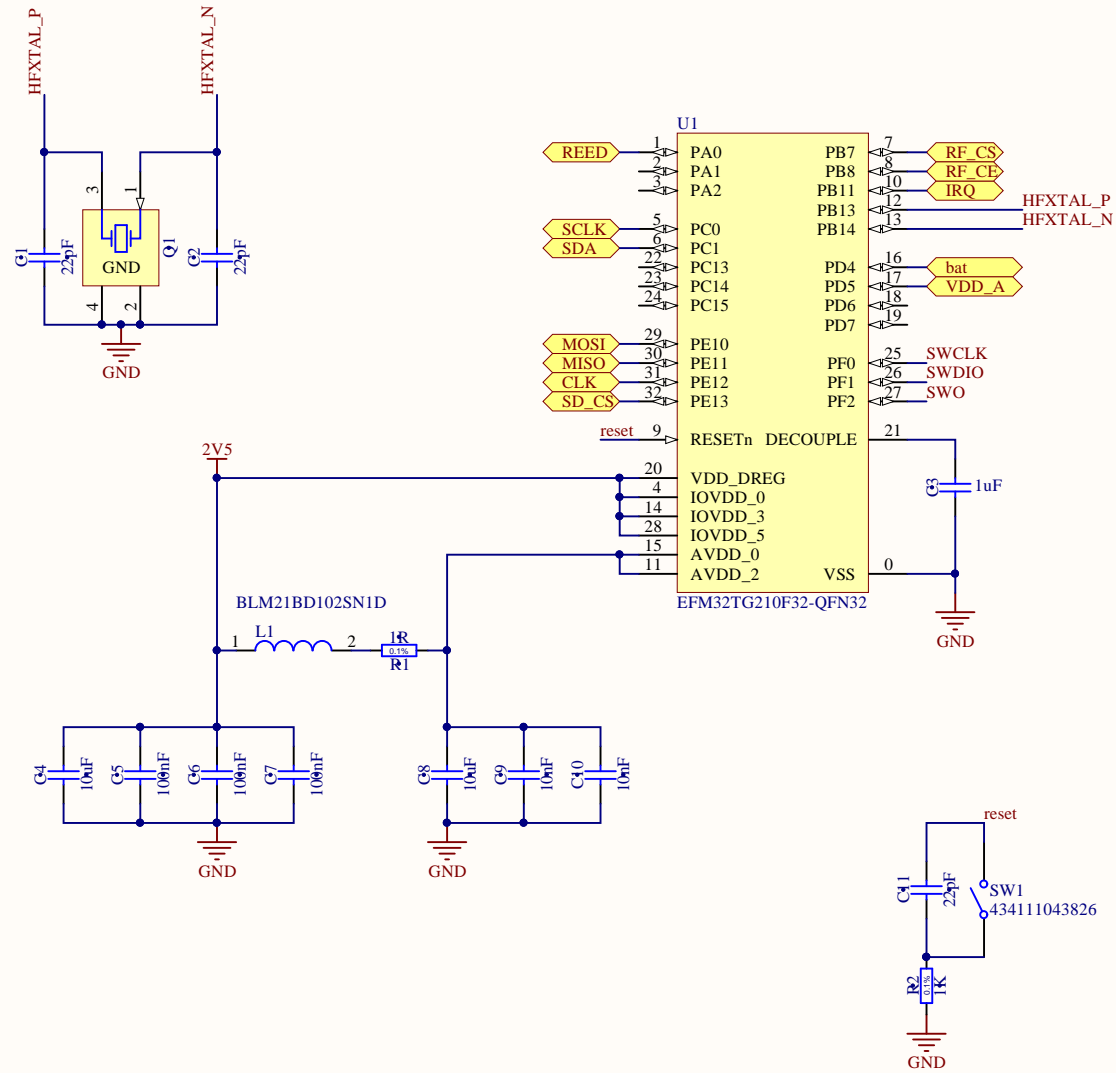
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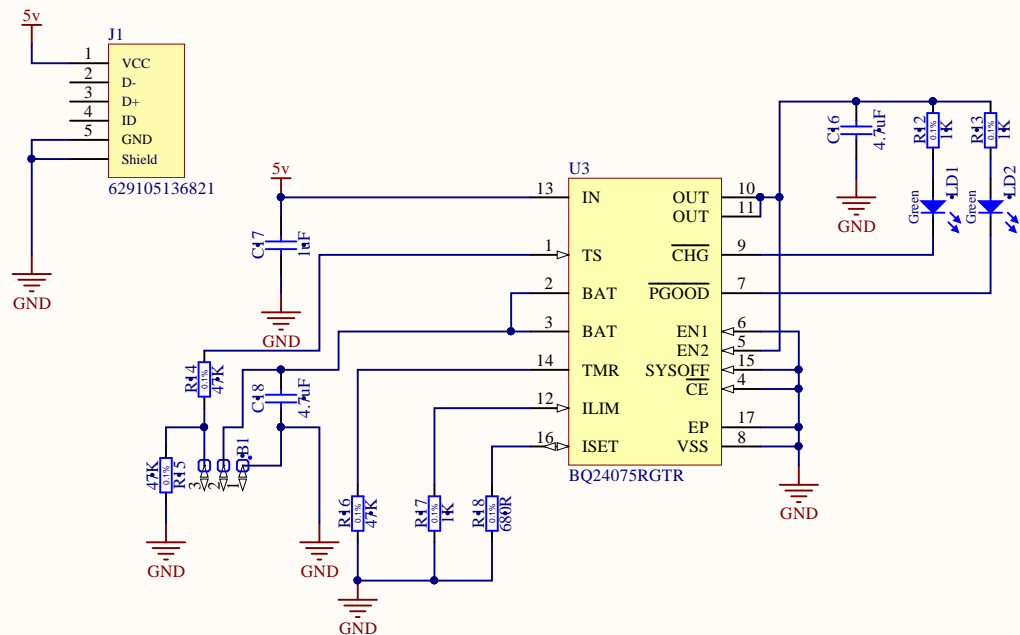
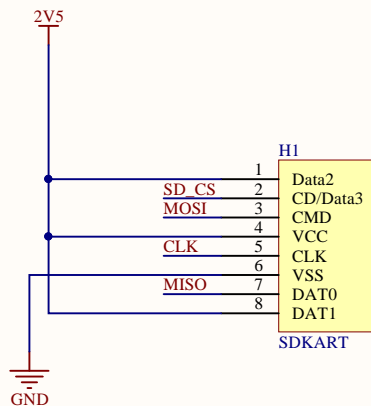
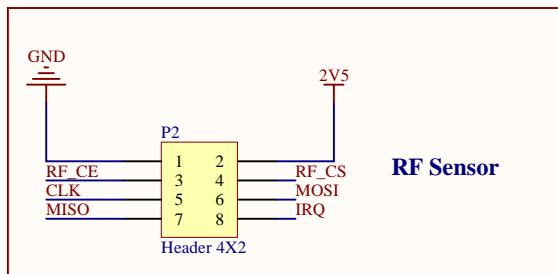
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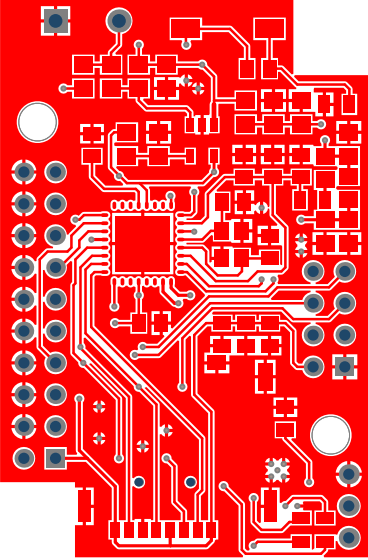
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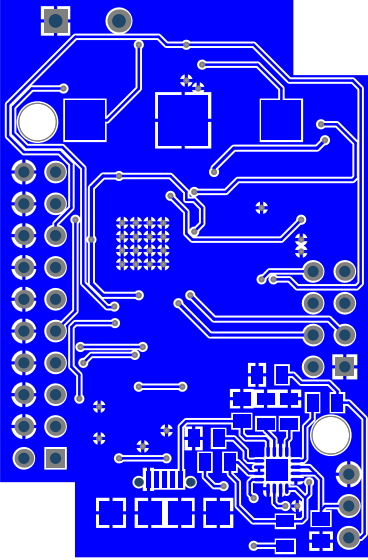


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Comment	Description	Designator	Footprint	LibRef	Quantity
Test Point	3 Positions Terminal Strip	B1	COMATEL_331.060 0.1.03.500	COMATEL_331.060 0.1.03.500	1
Value	Battery Holder whit 2 Pin	BATH1	BATH_KEYSTONE_3 000	BATH_KEYSTONE_3 000	1
22pF	Non-polarised capacitor	C1, C2, C11	CAPC2012X135N	CC0805_10NF_50V _10%_X7R	3
1uF	Non-polarised capacitor	C3, C17	CAPC2012X135N	CC0805_1NF_50V_5%_X7R, CC0805_10NF_50V_10%_X7R	2
10uF	Non-polarised capacitor	C4, C8	CAPC2012X135N	CC0805_10NF_50V_10%_X7R	2
100nF	Non-polarised capacitor	C5, C6, C7	CAPC2012X135N	CC0805_10NF_50V_10%_X7R	3
10nF	Non-polarised capacitor	C9, C10	CAPC2012X135N	CC0805_10NF_50V_10%_X7R	2
C0805	Ceramic Chip Capacitor - Standard	C12, C13, C14, C15	0805	C0805	4
4.7uF	Non-polarised capacitor	C16, C18	CAPC2012X135N	CC0805_10NF_50V_10%_X7R	2
SDKART		H1	PCBComponent_1	SDKART	1
629105136821	Micro USB 2.0 SMT Type B Horizontal 5 Contacts WR-COM	J1	629105136821	629105136821	1

Comment	Description	Designator	Footprint	LibRef	Quantity
BLM21BD102SN1D	SMD EMI Suppression Ferrite Bead WE- CBF, Z = 11 Ohm	L1	6-0805	7427920	1
Green	LED Green 1C 2A	LD1, LD2	LED_OSRAM_LGR9 71	LED_OSRAM_LGR9 71	2
Header 10X2	Header, 10-Pin, Dual row	P1	HDR2X10	Header 10X2	1
Header 4X2	Header, 4-Pin, Dual row	P2	HDR2X4	Header 4X2	1
25MHz	Crystal 4 pins 1=XTAL Control 2=GND3=XTAL 4=GND	Q1	XTAL_EPSON_TSX- 3225	XTAL_25MHZ_EPSO N_TSX- 322525.0000MF10 Z-AC	1
1R	Resistor - 0.1%	R1	RESC2012X60N	R0805_1K1_0.1%_0 .1W_10PPM	1
1K	Resistor - 0.1%	R2, R12, R13, R17	RESC2012X60N	R0805_1K1_0.1%_0 .1W_10PPM	4
ERA6Y	Rectangular Thick Film Chip Resistor, 10 Ohm to 1M Ohm Range, 0.1% and 0.5% Tolerance, 0805 Size, 0.1 W	R3, R5, R6, R7, R9, R10	ERA-0805	ERA6Y	6

Comment	Description	Designator	Footprint	LibRef	Quantity
ERA6Y	Rectangular Thick Film Chip Resistor, 10 Ohm to 1M Ohm Range, 0.1% and 0.5% Tolerance, 0805 Size, 0.1 W	R4	ERA-0805	ERA6Y	1
ERA6Y	Rectangular Thick Film Chip Resistor, 10 Ohm to 1M Ohm Range, 0.1% and 0.5% Tolerance, 0805 Size, 0.1 W	R8, R11	ERA-0805	ERA6Y	2
47K	Resistor - 0.1%	R14, R15, R16	RESC2012X60N	R0805_1K1_0.1%_0.1W_10PPM	3
680R	Resistor - 0.1%	R18	RESC2012X60N	R0805_1K1_0.1%_0.1W_10PPM	1
REED	Single-Pole, Single-Throw Switch	S1	SPST-2	SW-SPST	1
434111043826	WS-TASV SMD Tact Switch 6.0X3.5 mm	SW1	434111043826	434111043826	1

Comment	Description	Designator	Footprint	LibRef	Quantity
EFM32TG210F32-QFN32	EFM32 Tiny Gecko, M3 ARM Cortex CPU, 32 KB Flash, 4 KB RAM, 1.85 - 3.8 V Supply, 32 MHz Max Speed, - 40 to 85 degC, 32-Pin QFN, RoHS Compliant	U1	ENMR-QFN32_N	EFM32TG210F32-QFN32	1
000000	LDO 300mA, Low Quiescent Current, Fast Transient	U2	SOT-25	AP7331-WG	1
BQ24075RGTR	USB-Friendly Li-Ion Battery Charger and Power-Path Management IC, Vout 5.5 V, 4.3 V, - 40 to 85 degC, 16-pin QFN (RGT), Green (RoHS & no Sb/Br)	U3	RGT16-1700X1700TP	BQ24075RGTR	1