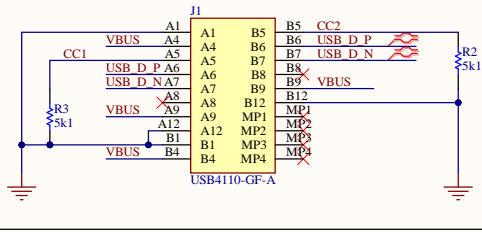
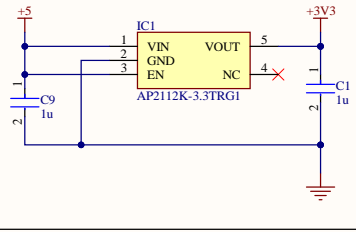


USB AND POWER

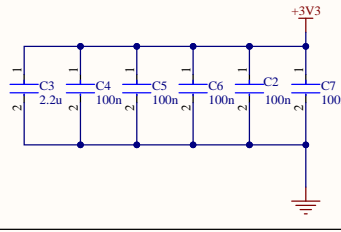
USB



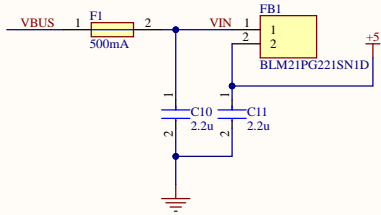
3V3 REGULATOR



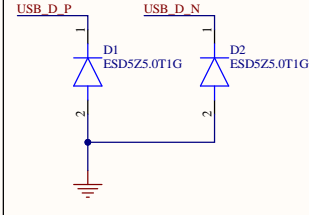
DECOUPLING



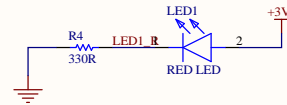
FUSE AND BEAD



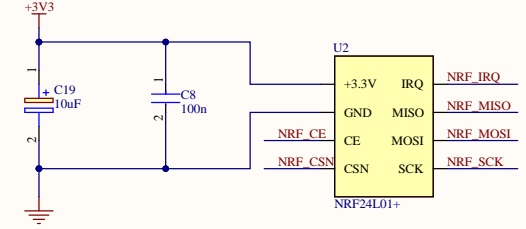
ESD PROTECTION



POWER LED

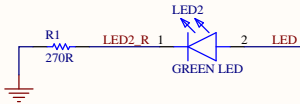


nRF2401+

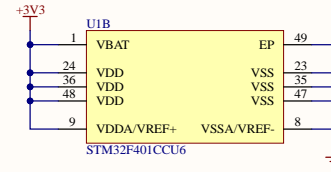
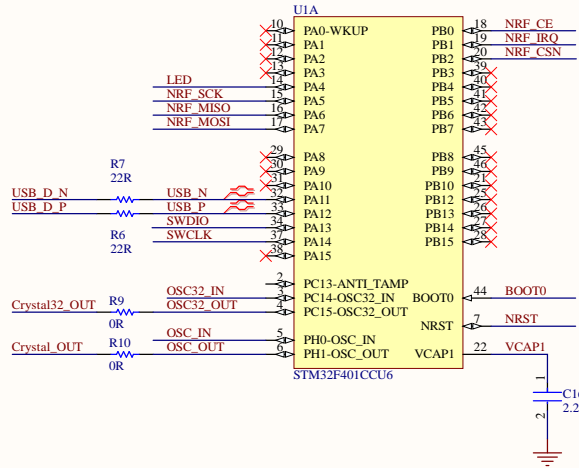
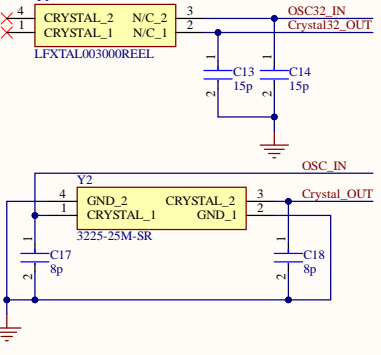


MCU

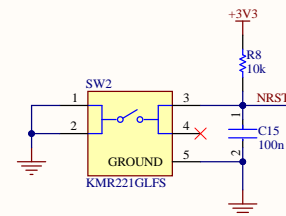
USER LED



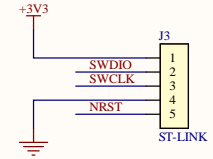
OSCILLATORS



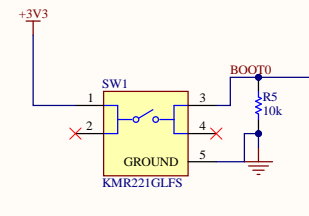
RESET BUTTON

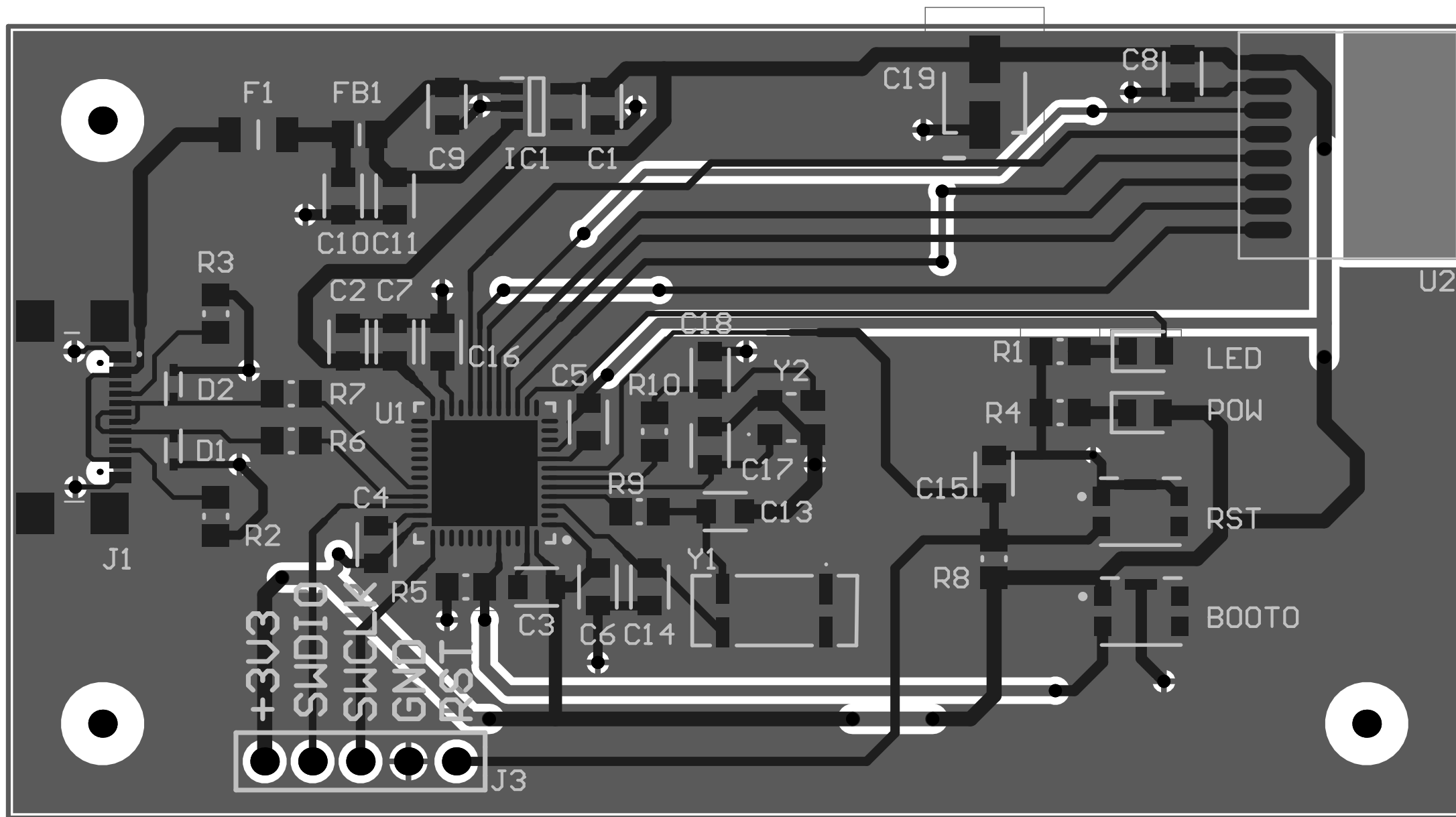


ST-LINK



BOOT0 BUTTON





Comment	Description	Designator	Footprint	LibRef	Quantity
1u		C1, C9	FP-0805-L_2_01_0_2-W_1_25-MFG	CMP-1036-04738-3	2
100n		C2, C4, C5, C6, C7, C8, C15	FP-0805-L_2_01_0_2-W_1_25-MFG	CMP-1036-04738-3	7
2.2u		C3, C10, C11, C16	FP-0805-L_2_01_0_2-W_1_25-MFG	CMP-1036-04738-3	4
15p		C13, C14	FP-0805-L_2_01_0_2-W_1_25-MFG	CMP-1036-04738-3	2
8p		C17, C18	FP-0805-L_2_01_0_2-W_1_25-MFG	CMP-1036-04738-3	2
10uF	Capacitor Polarised	C19	EEE1AA220WR	EEE1CA100SR	1
ESD5Z5.0T1G	Diode	D1, D2	SODFL1608X70N	ESD5Z5.0T1G	2
500mA	Fuse	F1	FUSC3216X75N	0ZCJ0025FF2E	1
BLM21PG221SN1D	Ferrite Bead	FB1	BEADC2012X105N	BLM21PG221SN1D	1
AP2112K-3.3TRG1	Integrated Circuit	IC1	SOT95P285X140-5N	AP2112K-3.3TRG1	1
USB4110-GF-A	Connector	J1	USB4110GFA	USB4110-GF-A	1
ST-LINK		J3	goldpin5	CMP-008-000005-1	1
RED LED	LED	LED1	LEDC2012X80N	HSMG-C170	1
GREEN LED	LED	LED2	LEDC2012X80N	HSMG-C170	1
270R		R1	RESC2013X60X35ML10T20	CMP-2100-03671-1	1
5k1		R2, R3	RESC2013X60X35ML10T20	CMP-2100-03671-1	2
330R		R4	RESC2013X60X35ML10T20	CMP-2100-03671-1	1
10k		R5, R8	RESC2013X60X35ML10T20	CMP-2100-03671-1	2
22R		R6, R7	RESC2013X60X35ML10T20	CMP-2100-03671-1	2
0R		R9, R10	RESC2013X60X35ML10T20	CMP-2100-03671-1	2
KMR221GLFS	SWTCH TACTILE SPST NO 0.05A 32V	SW1, SW2	FP-KMR221GLFS-MFG	CMP-10040-000018-1	2
STM32F401CCU6	ARM Cortex-M4 32-bit MCU+FPU, 105 DMIPS, 256 kB Flash, 64 kB Internal RAM, 36 I/Os, 48-pin UFQFPN, -40 to 85 degC, Tray	U1	STM-UFQFPN48_N	CMP-0243-00119-2	1
NRF24L01+ SMD		U2	PCBComponent_1	NRF24L01+ SMD	1
LFXTAL003000REEL	Crystal or Oscillator	Y1	LFXTAL003000REEL	LFXTAL003000REEL	1
3225-25M-SR	Crystal or Oscillator	Y2	322525MSR	3225-25M-SR	1