Ref	Qnty	Value	Cmp name	Footprint
C1, C3, C5, C10, C12, C18, C20,	7	0.1u	C	Capacitor_SMD:C_0805_2012Metric_Pad1.18x1.45mm_HandSolder
C2, C4,	2	0.15u	C	Capacitor_SMD:C_0603_1608Metric_Pad1.08x0.95mm_HandSolder
C6, C8,	2	10u	C_Polarized_Small	Capacitor_THT:CP_Radial_D5.0mm_P2.50mm
C7, C11,	2	22p	C	Capacitor_SMD:C_0603_1608Metric_Pad1.08x0.95mm_HandSolder
D1, D3,	2	LED	LED	LED_THT:LED_D3.0mm_Clear
D2,	1	1N4001	D	Diode_SMD:D_1206_3216Metric_Pad1.42x1.75mm_HandSolder
H1, H2, H3, H4,	4	MH	MountingHole	MountingHole:MountingHole_3.2mm_M3
J1,	1	VIN	Conn_01x02	Connector_PinHeader_2.54mm:PinHeader_1x02_P2.54mm_Vertical
J5,	1	Si5351a	Conn_01x07	Connector_PinHeader_2.54mm:PinHeader_1x07_P2.54mm_Vertical
J6,	1	i2c	Conn_01x04	Connector_PinHeader_2.54mm:PinHeader_1x04_P2.54mm_Vertical
J7,	1	PANEL/MAIN	Conn_01x11	Connector_PinHeader_2.54mm:PinHeader_1x11_P2.54mm_Vertical
P1,	1	COM	Conn_01x06	Connector_PinHeader_2.54mm:PinHeader_1x06_P2.54mm_Vertical
R1,	1	2k	R	Resistor_SMD:R_0805_2012Metric_Pad1.20x1.40mm_HandSolder
R2,	1	390	R	Resistor_SMD:R_0805_2012Metric_Pad1.20x1.40mm_HandSolder
R3,	1	33	R	Resistor_SMD:R_0805_2012Metric_Pad1.20x1.40mm_HandSolder
R4, R6, R8, R9,	4	10k	R	Resistor_SMD:R_0805_2012Metric_Pad1.20x1.40mm_HandSolder
R5, R10,	2	4.7k	R	Resistor_SMD:R_0805_2012Metric_Pad1.20x1.40mm_HandSolder
SW1,	1	CHAN	SW_Push	Button_Switch_THT:SW_PUSH_6m
SW2,	1	VOL/S	SW_Push	Button_Switch_THT:SW_PUSH_6m
SW5,	1	RE_Sw	RotaryEncoder_Switch	Rotary_Encoder:RotaryEncoder_Alps_EC11E-Switch_Vertical_H20mm_CircularMountingHoles
U1,	1	ATmega328P-PU	ATmega328P-PU-MCU_Microchip_A	Package_DIP:DIP-28_W7.62mm
Y1,	1	16MHz	Crystal_GND2	Crystal:Crystal_HC49-U-3Pin_Vertical / 2P available

Description
Unpolarized capacitor
Unpolarized capacitor
Polarized capacitor, small symbol
Unpolarized capacitor
Light emitting diode
Diode
Mounting Hole without connection
Generic connector, single row, 01x02, script generated (kicad-library-utils/schlib/autogen/connector/)
Generic connector, single row, 01x07, script generated (kicad-library-utils/schlib/autogen/connector/)
Generic connector, single row, 01x04, script generated (kicad-library-utils/schlib/autogen/connector/)
Generic connector, single row, 01x11, script generated (kicad-library-utils/schlib/autogen/connector/)
Generic connector, single row, 01x06, script generated (kicad-library-utils/schlib/autogen/connector/)
Resistor
Resistor
Resistor
Resistor
Resistor
Push button switch, generic, two pins
Push button switch, generic, two pins
Rotary encoder, dual channel, incremental quadrate outputs, with switch
Three pin crystal, GND on pin 2