

## hbr-mk2-all-pcbs-bom

Qty	Value	Footprint
1	BN61-202	---
2	470u	Capacitor_SMD:CP_Elec_10x10.5
18	10u	Capacitor_SMD:CP_Elec_4x5.4
2	1u	Capacitor_SMD:CP_Elec_4x5.4
1	2.2u	Capacitor_SMD:CP_Elec_4x5.4
2	4.7u	Capacitor_SMD:CP_Elec_4x5.4
1	22u	Capacitor_SMD:CP_Elec_5x5.4
1	100u	Capacitor_SMD:CP_Elec_6.3x7.7
3	220u	Capacitor_SMD:CP_Elec_8x10.5
2	0.01u	Capacitor_SMD:C_0805_2012Metric_Pad1.18x1.45mm_HandSolder
123	0.1u	Capacitor_SMD:C_0805_2012Metric_Pad1.18x1.45mm_HandSolder
9	100p	Capacitor_SMD:C_0805_2012Metric_Pad1.18x1.45mm_HandSolder
1	10n	Capacitor_SMD:C_0805_2012Metric_Pad1.18x1.45mm_HandSolder
2	120p	Capacitor_SMD:C_0805_2012Metric_Pad1.18x1.45mm_HandSolder
9	150p	Capacitor_SMD:C_0805_2012Metric_Pad1.18x1.45mm_HandSolder
2	180p	Capacitor_SMD:C_0805_2012Metric_Pad1.18x1.45mm_HandSolder
1	18p	Capacitor_SMD:C_0805_2012Metric_Pad1.18x1.45mm_HandSolder
1	1n	Capacitor_SMD:C_0805_2012Metric_Pad1.18x1.45mm_HandSolder
2	2.7p	Capacitor_SMD:C_0805_2012Metric_Pad1.18x1.45mm_HandSolder
6	220p	Capacitor_SMD:C_0805_2012Metric_Pad1.18x1.45mm_HandSolder
3	22p	Capacitor_SMD:C_0805_2012Metric_Pad1.18x1.45mm_HandSolder
6	270p	Capacitor_SMD:C_0805_2012Metric_Pad1.18x1.45mm_HandSolder
3	330p	Capacitor_SMD:C_0805_2012Metric_Pad1.18x1.45mm_HandSolder
3	33p	Capacitor_SMD:C_0805_2012Metric_Pad1.18x1.45mm_HandSolder
2	4.7n	Capacitor_SMD:C_0805_2012Metric_Pad1.18x1.45mm_HandSolder
8	470p	Capacitor_SMD:C_0805_2012Metric_Pad1.18x1.45mm_HandSolder
1	47n	Capacitor_SMD:C_0805_2012Metric_Pad1.18x1.45mm_HandSolder
4	47p	Capacitor_SMD:C_0805_2012Metric_Pad1.18x1.45mm_HandSolder
7	56p	Capacitor_SMD:C_0805_2012Metric_Pad1.18x1.45mm_HandSolder
4	680p	Capacitor_SMD:C_0805_2012Metric_Pad1.18x1.45mm_HandSolder
5	68p	Capacitor_SMD:C_0805_2012Metric_Pad1.18x1.45mm_HandSolder
2	820p	Capacitor_SMD:C_0805_2012Metric_Pad1.18x1.45mm_HandSolder
1	1000u	Capacitor_THT:CP_Radial_D13.0mm_P5.00mm
1	10u	Capacitor_THT:CP_Radial_D5.0mm_P2.50mm
1	Si5351 Board	Connector_PinHeader_2.54mm:PinHeader_1x07_P2.54mm_Vertical
18	9	Crystal:Crystal_HC49-U_Vertical
5	SS14	Diode_SMD:D_SMA_Handsoldering
44	1N4148W	Diode_SMD:D_SOD-123
4	1N34/D311	Diode_THT:D_DO-34_SOD68_P2.54mm_Vertical_AnodeUp
1	10u	Inductor_THT:L_Axial_L7.0mm_D3.3mm_P12.70mm_Horizontal_Fastron_MICC
1	18u	Inductor_THT:L_Axial_L7.0mm_D3.3mm_P12.70mm_Horizontal_Fastron_MICC
2	1 mH	Inductor_THT:L_Axial_L7.0mm_D3.3mm_P2.54mm_Vertical_Fastron_MICC
2	FT37-43	Inductor_THT:L_Toroid_Vertical_L10.0mm_W5.0mm_P5.08mm
21	T50-6	Inductor_THT:L_Toroid_Vertical_L13.0mm_W6.5mm_P5.60mm
1	Blue LED	LED_SMD:LED_0805_2012Metric_Pad1.15x1.40mm_HandSolder
4	LED	LED_SMD:LED_0805_2012Metric_Pad1.15x1.40mm_HandSolder
1	BluePill Board	My_Library:BluePill
3	10p	My_Library:C_Trim_THD_L7.0mm_W6.5mm_P5.00mm
1	20p	My_Library:C_Trim_THD_L7.0mm_W6.5mm_P5.00mm
18	30p	My_Library:C_Trim_THD_L7.0mm_W6.5mm_P5.00mm
1	50p	My_Library:C_Trim_THD_L7.0mm_W6.5mm_P5.00mm
3	5p	My_Library:C_Trim_THD_L7.0mm_W6.5mm_P5.00mm

## hbr-mk2-all-pcbs-bom

1	FT50-43	Package_DIP:DIP-4_W10.16mm
9	FT37-43	Package_DIP:DIP-4_W7.62mm
2	T37-2	Package_DIP:DIP-4_W7.62mm
14	T37-6	Package_DIP:DIP-4_W7.62mm
2	FT37-43	Package_DIP:DIP-6_W7.62mm
1	74HC238	Package_SO:SO-16_5.3x10.2mm_P1.27mm
1	24LC64	Package_SO:SO-8_5.3x6.2mm_P1.27mm
1	LM358	Package_SO:SOIC-8_5.23x5.23mm_P1.27mm
3	NE5532	Package_SO:SOIC-8_5.23x5.23mm_P1.27mm
21	2N7002	Package_TO_SOT_SMD:SOT-23
9	MMBT3904	Package_TO_SOT_SMD:SOT-23
1	MMBT3906	Package_TO_SOT_SMD:SOT-23
7	KT3142A	Package_TO_SOT_THT:TO-18-3
2	RD15HVF1	Package_TO_SOT_THT:TO-220-3_Horizontal_TabDown
3	IRF4905	Package_TO_SOT_THT:TO-220-3_Vertical
1	LM7805	Package_TO_SOT_THT:TO-220-3_Vertical
1	LM7808	Package_TO_SOT_THT:TO-220-3_Vertical
1	TDA2003	Package_TO_SOT_THT:TO-220-5_P3.4x3.7mm_StaggerOdd_Lead3.8mm_Vertical
1	L78L05	Package_TO_SOT_THT:TO-92_HandSolder
2	L78L33	Package_TO_SOT_THT:TO-92_HandSolder
2	100K	Potentiometer_THT:Potentiometer_Bourns_3296W_Vertical
6	10K	Potentiometer_THT:Potentiometer_Bourns_3296W_Vertical
1	500K	Potentiometer_THT:Potentiometer_Bourns_3296W_Vertical
4	ADE-6	RF_Mini-Circuits:Mini-Circuits_CD542_LandPatternPL-052
38	G6K-2F-Y	Relay_SMD:Relay_DPDT_Omron_G6K-2F-Y
1	0	Resistor_SMD:R_0805_2012Metric_Pad1.20x1.40mm_HandSolder
5	1.3K	Resistor_SMD:R_0805_2012Metric_Pad1.20x1.40mm_HandSolder
1	1.5K	Resistor_SMD:R_0805_2012Metric_Pad1.20x1.40mm_HandSolder
1	1.8K	Resistor_SMD:R_0805_2012Metric_Pad1.20x1.40mm_HandSolder
3	10	Resistor_SMD:R_0805_2012Metric_Pad1.20x1.40mm_HandSolder
11	100	Resistor_SMD:R_0805_2012Metric_Pad1.20x1.40mm_HandSolder
6	100K	Resistor_SMD:R_0805_2012Metric_Pad1.20x1.40mm_HandSolder
31	10K	Resistor_SMD:R_0805_2012Metric_Pad1.20x1.40mm_HandSolder
12	150	Resistor_SMD:R_0805_2012Metric_Pad1.20x1.40mm_HandSolder
23	1K	Resistor_SMD:R_0805_2012Metric_Pad1.20x1.40mm_HandSolder
4	2.2K	Resistor_SMD:R_0805_2012Metric_Pad1.20x1.40mm_HandSolder
53	22	Resistor_SMD:R_0805_2012Metric_Pad1.20x1.40mm_HandSolder
8	220	Resistor_SMD:R_0805_2012Metric_Pad1.20x1.40mm_HandSolder
8	3.3K	Resistor_SMD:R_0805_2012Metric_Pad1.20x1.40mm_HandSolder
6	36	Resistor_SMD:R_0805_2012Metric_Pad1.20x1.40mm_HandSolder
6	4.7K	Resistor_SMD:R_0805_2012Metric_Pad1.20x1.40mm_HandSolder
6	47	Resistor_SMD:R_0805_2012Metric_Pad1.20x1.40mm_HandSolder
2	47K	Resistor_SMD:R_0805_2012Metric_Pad1.20x1.40mm_HandSolder
4	51	Resistor_SMD:R_0805_2012Metric_Pad1.20x1.40mm_HandSolder
4	6	Resistor_SMD:R_0805_2012Metric_Pad1.20x1.40mm_HandSolder
7	68	Resistor_SMD:R_0805_2012Metric_Pad1.20x1.40mm_HandSolder
2	680	Resistor_SMD:R_0805_2012Metric_Pad1.20x1.40mm_HandSolder
3	82	Resistor_SMD:R_0805_2012Metric_Pad1.20x1.40mm_HandSolder
3	820	Resistor_SMD:R_0805_2012Metric_Pad1.20x1.40mm_HandSolder