

LASER HARP V1.1 SLD70 SENSOR 3 LIGHT EDITION REV. A BILL OF MATERIALS

ITEM	Qty	Parts	Value	Device	ORDER REFERENCE	ORDER QTY	PRICE/ORDER	PRICE/PC	PRICE	STOCK
1	1	R15	10R 1%	RESISTOR_0805	FR: 1469859	50	1.2	0.024	0.024	
2	0	R16	10R 1% (*)	RESISTOR_0805	FR: 1469859	50	1.2	0.024	0	
3	1	R31	100R 1%	RESISTOR_0805	FR: 1469862	50	1.2	0.024	0.024	
4	1	R18	294R 1%	RESISTOR_0805	FR: 2138880	50	0.4	0.008	0.008	
5	1	R17	348R 1%	RESISTOR_0805	FR: 2138885	50	0.95	0.019	0.019	
6	1	R57	562R 1%	RESISTOR_0805	FR: 2138903	50	1.2	0.024	0.024	
7	5	R2, R3, R25, R28, R59	1K 1%	RESISTOR_0805	FR: 1469847	50	1.2	0.024	0.12	
8	1	R14	2.87K 1%	RESISTOR_0805	FR: 1652976	1	0.071	0.071	0.071	
9	1	R13	3.4K 1%	RESISTOR_0805	FR: 2138953	50	0.4	0.008	0.008	
10	8	R4, R5, R11, R20, R24, R26, R29, R37	10K 1%	RESISTOR_0805	FR: 1469856	50	1.2	0.024	0.192	
11	1	R12	13.3K 1%	RESISTOR_0805	FR: 2138982	50	0.95	0.019	0.019	
12	2	R56, R58	15K 1%	RESISTOR_0805	FR: 1652920	1	0.052	0.052	0.104	
13	1	R10	15.8K 1%	RESISTOR_0805	FR: 1652922	1	0.071	0.071	0.071	
14	1	R23	30K 1%	RESISTOR_0805	FR: 1469914	50	1.2	0.024	0.024	
15	4	R6, R9, R27, R32	100K 1%	RESISTOR_0805	FR: 1469860	50	1.2	0.024	0.096	
16	1	R8	220K 1%	RESISTOR_0805	FR: 1469653	50	1.2	0.024	0.024	
17	1	R43	470K 1%	RESISTOR_0805	FR: 1653006	1	0.071	0.071	0.071	
18	4	R1, R7, R21, R49	1M 1%	RESISTOR_0805	FR: 1652946	1	0.071	0.071	0.284	
19	1	POT1	RK09L1140A5P	RK09L1140	RS: 729-3414	1	1.52	1.52	1.52	
20	1	C6	10pF 50V COG	CAPACITOR_0805	FR: 2070433	10	0.41	0.041	0.041	
21	3	C7, C14, C18	22pF 50V COG	CAPACITOR_0805	FR: 1759195	100	1.2	0.012	0.036	
22	2	C48, C50	10nF 50V	CAPACITOR_0805	FR: 1759247	100	1.1	0.011	0.022	
23	5	C8, C9, C10, C11, C16	10nF 50V NPO 5%	CAPACITOR_0805	FR: 1535573	10	3.7	0.37	1.85	
24	16	C1, C2, C15, C17, C24, C25, C26, C27, C31, C32, C33, C34, C35, C37, C46, C49	100nF 50V	CAPACITOR_0805	FR: 1759265	100	1.1	0.011	0.176	
25	4	C3, C4, C5, C38	4.7uF 16V	CAPACITOR_0805	FR: 1845746	10	1.37	0.137	0.548	
26	1	PD1	SLD-70BG2A	SLD-70	FR: 1219006	1	3.8	3.8	3.8	
27	3	D1, D4, D8	BAS16	BAS16	FR: 1081180	10	0.21	0.021	0.063	
28	2	Q1, Q3	BC817	BC817	FR: 1081224	10	0.29	0.029	0.058	
29	1	LED1	BLUE (300mcd min)	LED1206	RS: 466-4052	10	4.96	0.496	0.496	
30	1	LED2	WHITE (300mcd min)	LED1206	RS: 703-1187	10	3.41	0.341	0.341	
31	1	LED3	YELLOW (300mcd min)	LED1206	RS: 466-4018	20	3.88	0.194	0.194	
32	1	LED4	GREEN (300mcd min)	LED1206	RS: 466-4030	10	4.31	0.431	0.431	
33	2	IC1, IC6	TL072D	TL072D	FR: 1103006	1	0.32	0.32	0.64	
34	1	IC2	AD822ARZ	AD822R	FR: 9994351	1	7.53	7.53	7.53	
35	1	IC3	MC33272AD	MC33272AD	FR: 1651875	1	1.71	1.71	1.71	
36	1	IC5	LM311D	LM311D	FR: 2293184	1	0.2	0.2	0.2	
37	1	IC9	74HC14D	74HC14D	FR: 1201316	1	0.15	0.15	0.15	
38	1	IC7	74HC74D	74HC74D	FR: 1201317	1	0.143	0.143	0.143	
39	1	IC12	74HC4538D	74HC4538D	FR: 1201332	1	0.36	0.36	0.36	
40	2	LIGHT-PIPE1, LIGHT-PIPE2	MARL-PLP1-375	MARL-PLP1-375	RS: 435-8189	10	4.75	0.475	0.95	
41	1	CAP1	RED	CAP14MM	FR: 1440006	10	4	0.4	0.4	
42	1	LENS1	FA10539-SSS-W	OS-SQUARE-LENS	FR: 1817765	1	1.12	1.12	1.12	
43	1	SERIAL CABLE	male to female 9 pins		FR: 1651021	1	3.65	3.65	3.65	
44	2	CABLE TIE	100mm white		FR: 1416039	100	0.99	0.0099	0.0198	
45	5	SCREW1, SCREW2, SCREW3, SCREW4, SCREW5	N40.250	POZIDRIV-SCREW	FR: 1420516	100	2.63	0.0263	0.1315	
46	1	ENCLOSURE1	HAMMOND-ENCLOSURE1599B-BSWH	HAMMOND-ENCLOSURE1599B-BSWH	FR: 722947	1	6.27	6.27	6.27	
47	1	BARE PCB				1	5	5	5	
48	1	ASSEMBLING FEES				1	2	2	2	

85.919  
MOQ order

41.0333 €

RS = Radiospares FR = Farnell  
Prices are exclusive of tax

REV 1.0 Franck Morisseau le 21/04/2013