

LASER HARP V1.1 FRONT PANEL REV. B BILL OF MATERIALS

ITEM	Qty	Parts	Value	Device	ORDER REFERENCE	ORDER QTY	PRICE/ ORDER	PRICE/ PC	PRICE	STOCK
1	1	R16	47R	RESISTOR_0805	FR: 1099791	50	1.45	0.029	0.029	
2	7	R20, R21, R22, R23, R24, R25, R26	100R	RESISTOR_0805	FR: 1469862	50	1.1	0.022	0.154	
3	9	R12, R13, R14, R15, R27, R28, R29, R30, R31	1K	RESISTOR_0805	FR: 1469847	50	1.1	0.022	0.198	
4	17	R1, R2, R3, R4, R5, R6, R7, R8, R9, R10, R11, R17, R18, R19, R32, R33, R34	10K	RESISTOR_0805	FR: 1469856	50	1.1	0.022	0.374	
5	1	POT1	2K	3386-F	FR: 9354620	1	0.57	0.57	0.57	
6	1	POT2	RK09L1140A5P	RK09L1140	RS: 729-3414	1	1.1	1.1	1.1	
7	4	C2, C3, C4, C5	100nF 50V	CAPACITOR_0805	FR: 1759265	100	1.1	0.011	0.044	
8	1	C8	1uF 16V	CAPACITOR_0805	FR: 1759479	100	4.2	0.042	0.042	
9	3	C1, C6, C7	4.7uF 16V	CAPACITOR_0805	FR: 1759428	100	7.1	0.071	0.213	
10	8	D1, D2, D3, D4, D5, D6, D7, D8	BAS16	BAS16	RS: 436-7773	50	1	0.02	0.16	
11	1	LED1	BLUE	LED1206	RS: 466-4052	10	4.96	0.496	0.496	
12	1	LED2	RED	LED1206	RS: 466-3970	20	3.88	0.194	0.194	
13	1	LED3	GREEN	LED1206	RS: 466-4030	10	4.31	0.431	0.431	
14	4	Q1, Q2, Q3, Q4	BSS84	BSS84	RS: 653-2288	10	0.7	0.07	0.28	
15	3	Q5, Q6, Q7	2N7002	2N7002	RS: 436-7379	25	0.8	0.032	0.096	
16	1	LCD1	DISPLAYTECH 204A-CC-BC-3LP	4X20_98X60_BL	RS: 532-6818	1	11.44	11.44	11.44	
17	1	CN LCD1	0.100" M. HDR X16	-	RS: 423-2841	200	8.26	0.0413	0.6608	
18	1	BUZ1	QMB111PC	QMB111PC	RS: 295-9257	5	10.28	2.056	2.056	
19	1	CN1	ML20L	ML20L	RS: 473-8377	1	0.96	0.96	0.96	
20	3	SW1, SW2, SW3	MEC-3FT-LED	MEC-3FT-LED	FR: 1132885	1	1.89	1.89	5.67	
21	1	SW1 LED	BLUE	3mm	FR: 1497965	1	0.62	0.62	0.62	
22	1	SW2 LED	WHITE	3mm	FR: 1497991	1	0.7	0.7	0.7	
23	1	SW3 LED	RED	3mm	FR: 1497967	1	0.36	0.36	0.36	
24	3	5mm MEC SWITCH EXTENDER			FR: 1132956	10	3.7	0.37	1.11	
25	3	MEC SWITCH CAP WITH LENS			FR: 1132905	10	8.8	0.88	2.64	
26	3	LIGHT-PIPE1, LIGHT-PIPE2, LIGHT-PIPE3	MARL-PLP1-500	MARL-PLP1-500	RS: 435-8195	10	4.99	0.499	1.497	
27	1	POTENTIOMETER KNOB	GREY with blue line	14mm GREY	FR: 1440008	10	4	0.4	0.4	
28	0.006	FLAT CABLE	20 WIRES 1.27mm pitch	18.09€/30m => 0.006 = 18cm	RS: 436-2548	1	18.09	18.09	0.10854	
29	2	ML20 FEMALE FOR FLAT CABLE	ML20 FEMALE		RS: 681-1806	1	1.19	1.19	2.38	
30	8	M3x8 SCREW			RS: 190-434	100	6.38	0.0638	0.5104	
31	4	M3 NUT			RS: 560-293	250	5.38	0.0215	0.08608	
32	4	M3x12 SPACER			FR: 2113937	1	0.4	0.4	1.6	
33	4	M2.5x10 SCREW			FR: 149552	100	2.81	0.0281	0.1124	
34	16	M2.5 HALF NUT			RS: 483-0322	250	8.1	0.0324	0.5184	
35	1	BARE PCB + ASSEMBLING FEES				1	7	7	7	
									28.3288	€

RS = Radiospares FR = Farnell

Prices are exclusive of tax

REV 1.2 Franck Morisseau le 21/04/2013

REV 1.1 > 1.2 potentiometer reference changed to use the same as the sensors