

## ED115 - SH-Noise Full Kit

Item	Description	Qty	Designator	Package
	<b>HARDWARE</b>			
1	M3 x 6mm Bolt PH	2	NB: Doefper Compatible Rails	-
2	M3 x 10mm Bolt PH	2	NB: EuroSynth	-
	<b>KITS</b>			
3	ED115 - SH-Noise PCB/Panel Set V1.1	1		-
4	ED115 - SH-Noise Hardware Kit V1.1	1		-
5	ED115 - SH-Noise Component Kit V1.2	1		-

**ED115 - SH-Noise Component Kit**

Item	Description	Qty	Designator	Package
	<b>CAPACITOR</b>			
1	47pF 5% Ceramic	1	C503	RAD-0.2N
2	100pF 5% Ceramic	3	C102, C605, C606	RAD-0.2N
3	330pF 5% Ceramic	1	C501	RAD-0.2N
4	820pF 5% Ceramic	1	C204	RAD-0.2N
5	2.2nF 63V Polyester	1	C203	RAD-0.2
6	5n6 63V Polyester	2	C202, C302	RAD-0.2
7	8n2F 63V Polyester	2	C303, C305	RAD-0.2
8	47nF 63V Polyster	1	C502	RAD-0.2
9	100nF Ceramic	15	C403, C607, C608, C609, C610, C611, C612, C613, C614, C615, C616, C617, C618, C619, C620	RAD-0.2N
10	220nF 63V Polyester	3	C304, C401, C402	RAD-0.2
11	1uF 35V Bipolar Electrolytic	1	C103	RB-D6.3-P2.5
12	2.2uF 35V Bipolar Electrolytic	1	C301	RB-D6.3-P2.5
13	10uF Bipolar Electrolytic	6	C105, C106, C201, C205, C306, C405	RB-D6.3-P2.5
14	10uF 35V Tantalum	1	C101	RB-D7.5-P5.0
15	10uF 35V Electrolytic	5	C104, C601, C602, C603, C604	RB-D5.0-P2.0
	<b>CONNECTOR</b>			
16	IDC16 Box Header	1	J601	2.54MM
17	16-pin IC Socket 0.3inch	1	U502	DIP-16
18	8-pin IC Socket 0.3inch	7	U101, U201, U301, U401, U402, U501, U503	DIP-8
	<b>DIODE</b>			
19	10.0V 5% 500mW	1	D101	DIODE-0.3
20	1N4148	3	D500, D501, D503	DIODE-0.3
21	5.1V 5% 500mW	1	D502	DIODE-0.3
	<b>LINEAR</b>			
22	LM13700 - Dual OTA	1	U502	DIP-16
23	TL072 Dual JFET Opamp	1	U501	DIP-8
24	CA3140 Opamp	1	U503	DIP-8

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Item	Description	Qty	Designator	Package
	<b>LINEAR - continued</b>			
25	LM1458 - Dual Opamp	4	U101, U201, U301, U401	DIP-8
26	LM741 - GP Opamp	1	U402	DIP-8
	<b>INDUCTOR</b>			
27	Ferrite Bead - 5A	4	L601, L602, L603, L604	AXIAL-0.3
	<b>OPTO-ELECTRONIC</b>			
28	3mm Red/Green LED	1	D401	-
29	3mm HE-Green LED	1	D504	-
	<b>RESISTOR</b>			
30	Wire Link	1	R302	TO FIT
31	180R 1% 0.5W Metal Film	2	R100, R102	AXIAL-0.4
32	330R 1% 0.5W Metal Film	5	R109, R208, R309, R408, R519	AXIAL-0.4
33	470R 1% 0.5W Metal Film	1	R507	AXIAL-0.4
34	1K0 1% 0.5W Metal Film	5	R107, R401, R402, R407, R504	AXIAL-0.4
35	1K5 1% 0.5W Metal Film	1	R108	AXIAL-0.4
36	2K2 1% 0.5W Metal Film	2	R506, R515	AXIAL-0.4
37	2K7 1% 0.5W Metal Film	4	R103, R301, R303, R304	AXIAL-0.4
38	3K0 1% 0.5W Metal Film	1	R405	AXIAL-0.4
39	3K3 1% 0.5W Metal Film	1	R305	AXIAL-0.4
40	4K7 1% 0.5W Metal Film	1	R509	AXIAL-0.4
41	5K6 1% 0.5W Metal Film	1	R518	AXIAL-0.4
42	10K 1% 0.5W Metal Film	6	R101, R105, R501, R503, R510, R514	AXIAL-0.4
43	15K 1% 0.5W Metal Film	2	R308, R403	AXIAL-0.4
44	18K 1% 0.5W Metal Film	1	R205	AXIAL-0.4
45	33K 1% 0.5W Metal Film	1	R201	AXIAL-0.4
46	39K 1% 0.5W Metal Film	2	R513, R516	AXIAL-0.4
47	47K 1% 0.5W Metal Film	3	R207, R307, R406	AXIAL-0.4
48	68K 1% 0.5W Metal Film	1	R306	AXIAL-0.4
49	100K 1% 0.5W Metal Film	6	R204, R206, R505, R508, R512, R517	AXIAL-0.4

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	<b>RESISTOR - continued</b>			
50	150K 1% 0.5W Metal Film	1	R404	AXIAL-0.4
51	270K 1% 0.5W Metal Film	1	R511	AXIAL-0.4
52	330K 1% 0.5W Metal Film	1	R203	AXIAL-0.4
53	1M0 1% 0.5W Metal Film	3	R104, R106, R202	AXIAL-0.4
54	3M3 1% 0.5W Metal Film	1	R502	AXIAL-0.4
	<b>TRANSISTOR</b>			
55	2N3904 NPN Transistor	1	Q501	TO-92
56	PN2222A NPN Transistor	1	Q102	TO-92
57	PN2907 PNP Transistor	1	Q101	TO-92
	<b>TRIMPOT</b>			
58	500R 25TV Cermet	1	P101	T93YA
59	20K 25TV Cermet	2	P102, P303	T93YA
60	50K 25TV Cermet	1	P201	T93YA
61	100K 20TV Cermet	4	P301, P302, P401, P402	T93YA
62	200K 25TV Cermet	1	P403	T93YA
	<b>UNITS</b>			
63	Panther - IDC16 - 24cm	1	J601	-



### ED115 - SH-Noise PCB/Panel Set

Item	Description	Qty	Designator	Package
	<b>PANEL</b>			
1	ED115 - SH-NOISE Front Panel V1.1	1		-
	<b>PCB</b>			
2	ED115 - SH-NOISE PCB V1.2	1		-
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