

L-1 SYNTH

VC ADSR – Parts list.

Items marked green are already installed or are included

Qty	Value	Package	Comments	Parts	Farnell code
IC's					
7	TL074	DIL14		IC1, IC2, IC3, IC5, IC6, IC7, IC10	1564329
1	LM13700	DIL16		IC8	1651866
2	THAT340	DIL14		Q1, Q3	1354180
Transistors					
12	2N3904	TO92		T102, T104, T105, T106, T108, T111, T202, T204, T205, T206, T208, T211	1700648
10	2N3906	TO92		T101, T103, T107, T109, T110, T201, T203, T207, T209, T210	1574372
2	2N3819	TO92		Q2, Q4	
4	LM4040-10	TO92		U1, U2, U3, U4	1673984
1	78L05	TO92		IC5	1236591
Diodes					
2	1N4004	Through-hole	or 1N4007	D1, D2	1843708
6	1N4148	Through-hole		D101, D102, D103, D201, D202, D203	1651088
2	LED	3mm	red		1208885
2	LED	3mm	green		1208845
2	LED	3mm	yellow		1208847
2	LED	3mm	blue		
Capacitors					
4	100p	1206	Ceramic	C101, C106, C201, C206	1414704
2	1n	1206	1% NPO	C102, C202	2332859
2	2n2	5mm	film	C105, C205	2446355
2	22n	5mm	film	C104, C204	2446352
2	47n	5mm	film	C103, C203	2446353
17	0.1uF	1206	Ceramic, power decoupling caps	C3, C4, C5, C6, C9, C10, C13, C14, C15, C16, C17, C18, C19, C21, C22, C25, C26	1759361
2	100uF	2.5mm	electrolyth	C1, C2	9451498
Resistors					
2	10 Ohm	0.25W through-hole		R1, R2	9339035
4	100	1206		R182, R183, R282, R283	2078994
6	1K	1206		R109, R110, R181, R209, R210, R281	2079001
2	2K	1206		R122, R222	1469985
4	2K tempco	0805		R124, R125, R224, R225	1174317
8	3K	1206		R119, R134, R156, R168, R219, R234, R256, R268	1100203
6	3K3	1206		R104, R105, R112, R204, R205, R212	9240977
1	3K4	1206		R117	2139475

1	3K48	1206		R217	2139476
4	4K99	1206		R127, R135, R227, R235	1470015
38	10K	1206		R111, R116, R121, R128, R129, R130, R131, R133, R151, R161, R162, R167, R169, R170, R171, R173, R175, R177, R178, R211, R216, R221, R228, R229, R230, R231, R233, R251, R261, R262, R267, R269, R270, R271, R273, R275, R277, R278	2079007
2	15K	1206		R126, R226	2079009
4	20K	1206		R136, R138, R236, R238	1469993
4	30K	1206		R164, R166, R264, R266	1100230
2	47K	1206		R147, R247	1470016
4	49K9	1206		R114, R150, R214, R250	2057780
2	73K2	1206		R123, R223	2327342
2	75K	1206		R137, R237	1100241
2	82K	1206		R5, R9	2139581
2	88K7	1206		R146, R246	2139584
48	100K	1206		R101, R102, R108, R113, R118, R120, R132, R139, R141, R142, R143, R144, R148, R149, R152, R153, R158, R159, R160, R163, R172, R174, R176, R184, R201, R202, R208, R213, R218, R220, R232, R239, R241, R242, R243, R244, R248, R249, R252, R253, R258, R259, R260, R263, R272, R274, R276, R284	2079015
4	110K	1206		R155, R179, R255, R279	1653054
2	150K	1206		R106, R206	2079016
2	249K	1206		R154, R254	1470001
4	430K	1206		R4, R8, R145, R245	2139651
4	470K	1206		R115, R140, R215, R240	2139655
2	2M	1206		R3, R6	1506156
Trimpots					
2	22K		sustain	P101, P201	2328401
2	100K		offset	P102, P202	9353194
Potentiometers					
8	10K_lin	9mm PC mount			Thonk VERTICAL: B10K Smallbear 1012A Tayda A-1847 Erthenvar
Switches					
4		SPDT on-on	Sub-miniature	S1, S2, S4, S5	9473041 Smallbear 0222
1		DIP02	optional		9472126
Other					
1	Euro power connector	16-pin		SV1	1928656
20	Jack 3,5mm	PC-mount	Erthenvar or Kobiconn		Mouser Kobiconn 16PJ138 Thonk Thonkiconn Erthenvar Erthenvar
4	Spacer 12mm				1466845
8	Knobs 16mm		Synth pointer #2		Thonk KNOB_SynthTech Smallbear 0808D