





Bill of Materials for Pixie Attache Full Kit V2A  
**Dual Sawtooth Generator [Pixie Crimp Kit]**

Item	Description	Qty	Designator	Package
	<b>CONNECTOR</b>			
1	6-way 0.1inch Straight Header	8	S200A, S200B, S201A, S201B, S202A, S202B, S203A, S203B	2.54MM
2	6-way 0.1inch Crimp Housing	8	S200A, S200B, S201A, S201B, S202A, S202B, S203A, S203B	2.54MM
3	3-way 0.1inch Straight Header	2	P200, P202	2.54MM
4	3-way 0.1inch Crimp Housing	2	P200, P202	2.54MM



### LFO [Pixie Crimp Kit]

Item	Description	Qty	Designator	Package
	<b>CONNECTOR</b>			
1	8-way 0.1inch Straight Header	1	S400A	2.54MM
2	8-way 0.1inch Crimp Housing	1	S400A	2.54MM
3	6-way 0.1inch Straight Header	1	S400B	2.54MM
4	6-way 0.1inch Crimp Housing	1	S400B	2.54MM
5	3-way 0.1inch Straight Header	1	P401	2.54MM
6	3-way 0.1inch Crimp Housing	1	P401	2.54MM
7	2-way 0.1inch Straight Header	2	D404, J401	2.54MM
8	2-way 0.1inch Crimp Housing	2	D404, J401	2.54MM

**VCF-EG [Pixie Crimp Kit]**

Item	Description	Qty	Designator	Package
	<b>CONNECTOR</b>			
1	3-way 0.1inch Straight Header	3	P500, P501, P502	2.54MM
2	3-way 0.1inch Crimp Housing	3	P500, P501, P502	2.54MM
3	2-way 0.1inch Straight Header	2	J501, S500	2.54MM
4	2-way 0.1inch Crimp Housing	2	J501, S500	2.54MM

**VCA-EG [Pixie Crimp Kit]**

Item	Description	Qty	Designator	Package
	<b>CONNECTOR</b>			
1	3-way 0.1inch Straight Header	3	P600, P601, P602	2.54MM
2	3-way 0.1inch Crimp Housing	3	P600, P601, P602	2.54MM
3	2-way 0.1inch Straight Header	1	S600	2.54MM
4	2-way 0.1inch Crimp Housing	1	S600	2.54MM

Bill of Materials for Pixie Attache Full Kit V2A  
**AUDIO OUTPUT [Pixie Crimp Kit]**

Item	Description	Qty	Designator	Package
	<b>CONNECTOR</b>			
1	3-way 0.1inch Straight Header	1	J701	2.54MM
2	3-way 0.1inch Crimp Housing	1	J701	2.54MM
3	2-way 0.1inch Straight Header	1	J702	2.54MM
4	2-way 0.1inch Crimp Housing	1	J702	2.54MM



### VCA [Pixie Crimp Kit]

Item	Description	Qty	Designator	Package
	<b>CONNECTOR</b>			
1	3-way 0.1inch Straight Header	1	P801	2.54MM
2	3-way 0.1inch Crimp Housing	1	P801	2.54MM

Bill of Materials for Pixie Attache Full Kit V2A  
**POWER SUPPLY [Pixie Crimp Kit]**

Item	Description	Qty	Designator	Package
	<b>CONNECTOR</b>			
1	2-way 0.1inch Straight Header	4	C902, D904, J900, S900	2.54MM
2	2-way 0.1inch Crimp Housing	4	C902, D904, J900, S900	2.54MM





Bill of Materials for Pixie Attache Full Kit V2A  
**Filter Controller [Pixie Crimp Kit]**

Item	Description	Qty	Designator	Package
	<b>CONNECTOR</b>			
1	3-way 0.1inch Straight Header	4	P1200, P1201, P1202, P1203	2.54MM
2	3-way 0.1inch Crimp Housing	4	P1200, P1201, P1202, P1203	2.54MM
3	2-way 0.1inch Straight Header	1	J1201	2.54MM
4	2-way 0.1inch Crimp Housing	1	J1201	2.54MM

## VCF 2 [Pixie Crimp Kit]

Item	Description	Qty	Designator	Package
	<b>CONNECTOR</b>			
1	3-way 0.1inch Straight Header	1	P1300	2.54MM
2	3-way 0.1inch Crimp Housing	1	P1300	2.54MM

Bill of Materials for Pixie Attache Full Kit V2A  
**MIDI Interface and Dual DCO [Pixie Crimp Kit]**

<b>Item</b>	<b>Description</b>	<b>Qty</b>	<b>Designator</b>	<b>Package</b>
	<b>CONNECTOR</b>			
1	8-way 0.1inch Straight Header	1	J1405	2.54MM
2	8-way 0.1inch Crimp Housing	1	J1405	2.54MM
3	5-way 0.1inch Straight Header	1	S1401	2.54MM
4	5-way 0.1inch Crimp Housing	1	S1401	2.54MM
5	2-way 0.1inch Straight Header	4	D1403, J1401, J1404, LK1401	2.54MM
6	2-way 0.1inch Crimp Housing	4	D1403, J1401, J1404, LK1401	2.54MM





**VCF 3 [Pixie Crimp Kit]**

Item	Description	Qty	Designator	Package
	<b>CONNECTOR</b>			
1	3-way 0.1inch Straight Header	2	P1603, P1605	2.54MM
2	3-way 0.1inch Crimp Housing	2	P1603, P1605	2.54MM
3	2-way 0.1inch Straight Header	1	J1601	2.54MM
4	2-way 0.1inch Crimp Housing	1	J1601	2.54MM





**VCF Switcher [Pixie Crimp Kit]**

Item	Description	Qty	Designator	Package
	<b>CONNECTOR</b>			
1	6-way 0.1inch Straight Header	1	S1903	2.54MM
2	6-way 0.1inch Crimp Housing	1	S1903	2.54MM
3	3-way 0.1inch Straight Header	2	S1901, S1902	2.54MM
4	3-way 0.1inch Crimp Housing	2	S1901, S1902	2.54MM

Bill of Materials for Pixie Attache Full Kit V2A

Item	Description	Qty	Designator	Package





**Dual Sawtooth Generator [Pixie Component Kit]**

Item	Description	Qty	Designator	Package
	<b>CAPACITOR</b>			
1	10pF 5% Ceramic	2	C212, C213	RAD-0.2N
2	1nF 63V Polyester	4	C201, C202, C207, C209	RAD-0.2
3	6n8F 63V Polyester	2	C204, C210	RAD-0.2
4	10nF 63V Polyester	2	C203, C208	RAD-0.2
5	100nF Ceramic	7	C214, C215, C216, C217, C218, C219, C220	RAD-0.2N
6	0u47F 35V Tantalum	2	C205, C211	RB-D5.0-P5.0
	<b>CONNECTOR</b>			
7	14-pin IC Socket 0.3inch	6	U200, U201, U202, U204, U205, U209	DIP-14
	<b>LINEAR</b>			
8	LM3900 - Quad Norton Amplifier	1	U205	DIP-14
	<b>LOGIC</b>			
9	CD4013 - Dual D-Type Flip-Flop	2	U201, U202	DIP-14
10	CD4024 - 7-stage Binary Counter	2	U200, U204	DIP-14
11	CD4069 - Hex Inverter Unbuffered	1	U209	DIP-14
	<b>RESISTOR</b>			
12	Wire Link	3	LK201, LK202, LK203	TO FIT
13	10K 1% 0.5W Metal Film	2	R257, R268	AXIAL-0.4
14	22K 1% 0.5W Metal Film	2	R205, R220	AXIAL-0.4
15	33K 1% 0.5W Metal Film	2	R201, R223	AXIAL-0.4
16	39K 1% 0.5W Metal Film	2	R213, R231	AXIAL-0.4
17	56K 1% 0.5W Metal Film	4	R202, R224, R258, R269	AXIAL-0.4
18	62K 1% 0.5W Metal Film	2	R258, R269	AXIAL-0.4
19	82K 1% 0.5W Metal Film	2	R259, R270	AXIAL-0.4
20	100K 1% 0.5W Metal Film	14	R206, R214, R221, R232, R252, R254, R255, R256, R260, R263, R265, R266, R267, R271	AXIAL-0.4
21	120K 1% 0.5W Metal Film	2	R207, R225	AXIAL-0.4
22	240K 1% 0.5W Metal Film	2	R208, R226	AXIAL-0.4
23	270K 1% 0.5W Metal Film	4	R215, R233, R261, R272	AXIAL-0.4





Bill of Materials for Pixie Attache Full Kit V2A  
**Noise Module [Pixie Component Kit]**

Item	Description	Qty	Designator	Package
	<b>CAPACITOR</b>			
1	1nF 63V Polyester	1	C300	RAD-0.2
2	100nF Ceramic	5	C301, C302, C303, C304, C305	RAD-0.2N
3	4.7uF 50V Electrolytic	2	C306, C309	RB-D5.0-P2.0
	<b>CONNECTOR</b>			
4	16-pin IC Socket 0.3inch	3	U300, U301, U302	DIP-16
5	14-pin IC Socket 0.3inch	2	U300, U304	DIP-14
	<b>LOGIC</b>			
6	CD4015 - Dual 4-bit Static Shift-register	3	U300, U301, U302	DIP-16
7	CD4030 - Quad EXOR	1	U303	DIP-14
8	CD4069 - Hex Inverter Unbuffered	1	U304	DIP-14
	<b>RESISTOR</b>			
9	Wire Link	2	LK301, R307	TO FIT
10	10R 1% 0.5W Metal Film	1	R306	AXIAL-0.4
11	7K5 1% 0.5W Metal Film	1	R302	AXIAL-0.4
12	330K 1% 0.5W Metal Film	1	R301	AXIAL-0.4

**LFO [Pixie Component Kit]**

Item	Description	Qty	Designator	Package
	<b>CAPACITOR</b>			
1	33pF 5% Ceramic	1	C404	RAD-0.2N
2	1nF 63V Polyester	1	C401	RAD-0.2
3	100nF Ceramic	2	C402, C403	RAD-0.2N
4	1500nF 63V Polyester	1	C400	RAD-0.2X
	<b>CONNECTOR</b>			
5	14-pin IC Socket 0.3inch	2	U400, U405	DIP-14
	<b>DIODE</b>			
6	3.3V 5% 500mW	1	D405	DIODE-0.3
			NB: See modification	
7	1N4148	3	D400, D401, D402	DIODE-0.3
	<b>LOGIC</b>			
8	CD4016 - Quad Analogue switch	1	U405	DIP-14
9	CD4069 - Hex Inverter Unbuffered	1	U400	DIP-14
	<b>RESISTOR</b>			
10	Wire Link	1	LK402	TO FIT
11	1K0 1% 0.5W Metal Film	1	R415	AXIAL-0.4
12	3K3 1% 0.5W Metal Film	2	R403, R408	AXIAL-0.4
13	22K 1% 0.5W Metal Film	1	R401	AXIAL-0.4
14	33K 1% 0.5W Metal Film	4	R400, R404, R405, R410	AXIAL-0.4
15	47K 1% 0.5W Metal Film	4	R406, R407, R409, R412	AXIAL-0.4
16	56K 1% 0.5W Metal Film	1	R414	AXIAL-0.4
17	62K 1% 0.5W Metal Film	1	R414	AXIAL-0.4
18	100K 1% 0.5W Metal Film	2	R402, R411	AXIAL-0.4
19	120K 1% 0.5W Metal Film	1	R413	AXIAL-0.4
	<b>TRANSISTOR</b>			
20	2N3904 NPN Transistor	1	Q401	TO-92



Bill of Materials for Pixie Attache Full Kit V2A  
**VCF-EG [Pixie Component Kit]**

Item	Description	Qty	Designator	Package
	<b>CAPACITOR</b>			
1	68pF 5% Ceramic	1	C501	RAD-0.2N
2	100nF Ceramic	2	C503, C504	RAD-0.2N
3	4.7uF 35V Tantalum	1	C502	RB-D6.5-P5.0
	<b>CONNECTOR</b>			
4	14-pin IC Socket 0.3inch	1	U500	DIP-14
	<b>LOGIC</b>			
5	CD4081 - Quad 2-input AND	1	U504	DIP-14
6	CD4013 - Dual D-Type Flip-Flop	1	U500	DIP-14
	<b>RESISTOR</b>			
7	Do Not Fit	1	R511	-
8	Wire Link	2	LK501, LK502	TO FIT
9	1K0 1% 0.5W Metal Film	1	R508	AXIAL-0.4
10	3K3 1% 0.5W Metal Film	1	R507	AXIAL-0.4
11	10K 1% 0.5W Metal Film	2	R501, R513	AXIAL-0.4
12	33K 1% 0.5W Metal Film	5	R500, R502, R505, R506, R509	AXIAL-0.4
13	56K 1% 0.5W Metal Film	1	R512	AXIAL-0.4
14	62K 1% 0.5W Metal Film	1	R512	AXIAL-0.4
15	220K 1% 0.5W Metal Film	1	R503	AXIAL-0.4
16	560K 1% 0.5W Metal Film	1	R504	AXIAL-0.4
17	1M0 1% 0.5W Metal Film	1	R510	AXIAL-0.4
	<b>TRANSISTOR</b>			
18	PN2222A NPN Transistor	2	Q500, Q501	TO-92

Bill of Materials for Pixie Attache Full Kit V2A  
**VCA-EG [Pixie Component Kit]**

Item	Description	Qty	Designator	Package
<b>CAPACITOR</b>				
1	68pF 5% Ceramic	1	C601	RAD-0.2N
2	100nF Ceramic	3	C603, C604, C605	RAD-0.2N
3	4.7uF 35V Tantalum	1	C602	RB-D6.5-P5.0
<b>CONNECTOR</b>				
4	14-pin IC Socket 0.3inch	3	U600, U601, U602	DIP-14
<b>LINEAR</b>				
5	LM3900 - Quad Norton Amplifier	1	U600	DIP-14
<b>LOGIC</b>				
6	CD4081 - Quad 2-input AND	1	U604	DIP-14
7	CD4016 - Quad Analogue switch	1	U601	DIP-14
8	CD4069 - Hex Inverter Unbuffered	1	U602	DIP-14
<b>RESISTOR</b>				
9	Wire Link	2	LK601, LK602	TO FIT
10	1K0 1% 0.5W Metal Film	1	R608	AXIAL-0.4
11	3K3 1% 0.5W Metal Film	1	R607	AXIAL-0.4
12	10K 1% 0.5W Metal Film	3	R601, R611, R612	AXIAL-0.4
13	33K 1% 0.5W Metal Film	5	R600, R602, R605, R606, R609	AXIAL-0.4
14	220K 1% 0.5W Metal Film	1	R603	AXIAL-0.4
15	1M0 1% 0.5W Metal Film	1	R610	AXIAL-0.4
<b>TRANSISTOR</b>				
16	PN2222A NPN Transistor	2	Q600, Q601	TO-92

Bill of Materials for Pixie Attache Full Kit V2A  
**AUDIO OUTPUT [Pixie Component Kit]**

Item	Description	Qty	Designator	Package
<b>CAPACITOR</b>				
1	22pF 10% Ceramic	1	C705	RAD-0.2N
2	47nF 63V Polyester	1	C702	RAD-0.2
3	100nF Ceramic	1	C701	RAD-0.2N
4	4.7uF 50V Electrolytic	1	C704	RB-D5.0-P2.0
5	220uF 50V Electrolytic	1	C703	RB-D10.0-P5.0
<b>CONNECTOR</b>				
6	8-pin IC Socket 0.3inch	1	U700	DIP-8
<b>LINEAR</b>				
7	LM386 - 0.5W Audio Amp	1	U700	DIP-8
<b>RESISTOR</b>				
8	Wire Link	1	R704	TO FIT
9	10R 1% 0.5W Metal Film	1	R702	AXIAL-0.4
10	47R 1% 0.5W Metal Film	1	R703	AXIAL-0.4
11	33K 1% 0.5W Metal Film	1	R700	AXIAL-0.4
12	150K 1% 0.5W Metal Film	1	R701	AXIAL-0.4

**VCA [Pixie Component Kit]**

Item	Description	Qty	Designator	Package
	<b>CAPACITOR</b>			
1	100nF Ceramic	1	C801	RAD-0.2N
2	100nF 63V Polyester	1	C800	RAD-0.2
	<b>CONNECTOR</b>			
3	8-pin IC Socket 0.3inch	1	U801	DIP-8
	<b>LINEAR</b>			
4	CA3080 - Transconductance Opamp	1	U801	DIP-8
	<b>RESISTOR</b>			
5	Wire Link	2	LK801, LK802	TO FIT
6	680R 1% 0.5W Metal Film	1	R803	AXIAL-0.4
7	18K 1% 0.5W Metal Film	1	R808	AXIAL-0.4
8	20K 1% 0.5W Metal Film	1	R800	AXIAL-0.4
9	33K 1% 0.5W Metal Film	5	R801, R802, R805, R806, R807	AXIAL-0.4
	<b>TRIMPOT</b>			
10	50K 25TV Cermet	1	P800	T93YA



Bill of Materials for Pixie Attache Full Kit V2A  
**POWER SUPPLY [Pixie Component Kit]**

Item	Description	Qty	Designator	Package
<b>CAPACITOR</b>				
1	Do Not Fit	1	C908	-
2	100nF Ceramic	3	C905, C906, C907	RAD-0.2N
3	10uF 35V Electrolytic	3	C901, C902, C903	RB-D5.0-P2.0
4	2200uF 35V Electrolytic	1	C900	RB-D16-P7.5
<b>DIODE</b>				
5	1N4004 200V 1A	3	D900, D901, D902	DIODE-0.4
<b>HARDWARE</b>				
6	M3 x 10mm Bolt PH	2	U900, U901	-
7	M3 Nut	2	U900, U901	-
8	HEATSINK - TO-220 Type 6021	2	U900, U901	-
<b>LINEAR</b>				
9	7805 +5V 1A Fixed Voltage Regulator	2	U900, U901	TO-220
<b>RESISTOR</b>				
10	Do Not Fit	1	R903	-
11	Wire Link	3	AGND, J901, R901	TO FIT
12	1K0 1% 0.5W Metal Film	1	R902	AXIAL-0.4
<b>TRANSISTOR</b>				
13	Do Not Fit	1	U902	TO-92

### VCF 1 [Pixie Component Kit]

Item	Description	Qty	Designator	Package
<b>CAPACITOR</b>				
1	68pF 5% Ceramic	1	C1000	RAD-0.2N
2	1nF 63V Polyester	2	C1002, C1003	RAD-0.2
3	100nF Ceramic	1	C1005	RAD-0.2N
4	220nF 63V Polyester	3	C1001, C1004, C1008	RAD-0.2
<b>CONNECTOR</b>				
5	8-pin IC Socket 0.3inch	2	U1001, U1003	DIP-8
6	14-pin IC Socket 0.3inch	1	U1002	DIP-14
<b>DIODE</b>				
7	1N4148	2	D1000, D1001	DIODE-0.3
<b>LINEAR</b>				
8	CA3080 - Transconductance Opamp	2	U1001, U1003	DIP-8
<b>LOGIC</b>				
9	CD4069 - Hex Inverter Unbuffered	1	U1002	DIP-14
<b>RESISTOR</b>				
10	Wire Link	1	LK1001	TO FIT
11	1K0 1% 0.5W Metal Film	2	R1005, R1010	AXIAL-0.4
12	4K7 1% 0.5W Metal Film	2	R1013, R1014	AXIAL-0.4
13	33K 1% 0.5W Metal Film	7	R1000, R1001, R1002, R1004, R1006, R1008, R1011	AXIAL-0.4
14	100K 1% 0.5W Metal Film	8	R1003, R1007, R1009, R1012, R1019, R1020, R1021, R1022	AXIAL-0.4

Bill of Materials for Pixie Attache Full Kit V2A  
**Dual PWM LFO [Pixie Component Kit]**

Item	Description	Qty	Designator	Package
	<b>CAPACITOR</b>			
1	100nF Ceramic	1	C1103	RAD-0.2N
2	100nF 63V Polyester	2	C1101, C1102	RAD-0.2
	<b>CONNECTOR</b>			
3	14-pin IC Socket 0.3inch	1	U1101	DIP-14
	<b>LINEAR</b>			
4	LM3900 - Quad Norton Amplifier	1	U1101	DIP-14
	<b>RESISTOR</b>			
5	Wire Link	2	LK1101, LK1102	TO FIT
6	100K 1% 0.5W Metal Film	2	R1104, R1109	AXIAL-0.4
7	120K 1% 0.5W Metal Film	2	R1105, R1110	AXIAL-0.4
8	510K 1% 0.5W Metal Film	1	R1107	AXIAL-0.4
9	560K 1% 0.5W Metal Film	1	R1102	AXIAL-0.4
10	1M2 1% 0.5W Metal Film	4	R1101, R1103, R1106, R1108	AXIAL-0.4

Bill of Materials for Pixie Attache Full Kit V2A  
**Filter Controller [Pixie Component Kit]**

Item	Description	Qty	Designator	Package
	<b>CAPACITOR</b>			
1	10nF 63V Polyester	2	C1201, C1202	RAD-0.2
2	100nF Ceramic	1	C1203	RAD-0.2N
3	0u47F 35V Tantalum	1	C1200	RB-D5.0-P5.0
	<b>CONNECTOR</b>			
4	14-pin IC Socket 0.3inch	1	U1201	DIP-14
	<b>LINEAR</b>			
5	LM3900 - Quad Norton Amplifier	1	U1201	DIP-14
	<b>RESISTOR</b>			
6	Wire Link	4	LK1201, LK1202, LK1203, LK1204	TO FIT
7	1K0 1% 0.5W Metal Film	2	R1212, R1216	AXIAL-0.4
8	3K3 1% 0.5W Metal Film	6	R1203, R1204, R1213, R1215, R1217, R1218	AXIAL-0.4
9	5K6 1% 0.5W Metal Film	1	R1201	AXIAL-0.4
10	12K 1% 0.5W Metal Film	3	R1202, R1219, R1220	AXIAL-0.4
11	22K 1% 0.5W Metal Film	2	R1211, R1214	AXIAL-0.4
12	47K 1% 0.5W Metal Film	2	R1207, R1208	AXIAL-0.4
13	56K 1% 0.5W Metal Film	2	R1205, R1206	AXIAL-0.4
14	62K 1% 0.5W Metal Film	2	R1205, R1206	AXIAL-0.4
15	100K 1% 0.5W Metal Film	3	R1210, R1221, R1221	AXIAL-0.4
16	150K 1% 0.5W Metal Film	1	R1200	AXIAL-0.4
17	220K 1% 0.5W Metal Film	1	R1209	AXIAL-0.4
	<b>TRANSISTOR</b>			
18	2N3906 PNP Transistor	4	Q1200, Q1201, Q1202, Q1203	TO-92

**VCF-2 [Pixie Component Kit]**

Item	Description	Qty	Designator	Package
<b>CAPACITOR</b>				
1	68pF 5% Ceramic	1	C1300	RAD-0.2N
2	1nF 63V Polyester	2	C1302, C1303	RAD-0.2
3	100nF Ceramic	1	C1305	RAD-0.2N
4	220nF 63V Polyester	3	C1301, C1304, C1308	RAD-0.2
<b>CONNECTOR</b>				
5	8-pin IC Socket 0.3inch	2	U1301, U1303	DIP-8
6	14-pin IC Socket 0.3inch	1	U1302	DIP-14
<b>DIODE</b>				
7	1N4148	2	D1300, D1301	DIODE-0.3
<b>LINEAR</b>				
8	CA3080 - Transconductance Opamp	2	U1301, U1303	DIP-8
<b>LOGIC</b>				
9	CD4069 - Hex Inverter Unbuffered	1	U1302	DIP-14
<b>RESISTOR</b>				
10	Wire Link	1	LK1301	TO FIT
11	1K0 1% 0.5W Metal Film	2	R1305, R1310	AXIAL-0.4
12	4K7 1% 0.5W Metal Film	2	R1313, R1314	AXIAL-0.4
13	33K 1% 0.5W Metal Film	7	R1300, R1301, R1302, R1304, R1306, R1308, R1311	AXIAL-0.4
14	100K 1% 0.5W Metal Film	8	R1303, R1307, R1309, R1312, R1319, R1320, R1321, R1322	AXIAL-0.4

**MIDI Interface and Dual DCO [Pixie Component Kit]**

Item	Description	Qty	Designator	Package
	<b>CAPACITOR</b>			
1	33pF 5% Ceramic	2	C1402, C1403	RAD-0.2N
2	100nF Ceramic	1	C1401	RAD-0.2N
3	1uF 35V Tantalum	1	C1404	RB-D5.0-P5.0
4	10uF 35V Electrolytic	1	C1405	RB-D5.0-P2.0
	<b>CONNECTOR</b>			
5	1x12 Pin 9mm Header	1	J1402	2.54MM
6	8-pin IC Socket 0.3inch	1	U1401	DIP-8
	<b>CRYSTAL</b>			
7	16MHz Crystal	1	X1401	HC49/4H
	<b>DIODE</b>			
8	1N4148	5	D1401, D1402, D1404, D1405, D1406	DIODE-0.3
	<b>LINEAR</b>			
9	6N138 - Opto-coupler	1	U1401	DIP-8
	<b>RESISTOR</b>			
10	220R 1% 0.5W Metal Film	1	R1401	AXIAL-0.4
11	470R 1% 0.5W Metal Film	1	R1411	AXIAL-0.4
12	1K5 1% 0.5W Metal Film	1	R1403	AXIAL-0.4
13	10K 1% 0.5W Metal Film	5	R1404, R1405, R1406, R1407, R1408	AXIAL-0.4
14	15K 1% 0.5W Metal Film	1	R1409	AXIAL-0.4
15	47K 1% 0.5W Metal Film	1	R1410	AXIAL-0.4
	<b>SWITCH</b>			
16	4PST DIP	1	S1402	DIP-8
	<b>TRANSISTOR</b>			
17	2N3904 NPN Transistor	1	Q1401	TO-92

**Mixer 1 [Pixie Component Kit]**

Item	Description	Qty	Designator	Package
	<b>CAPACITOR</b>			
1	Do Not Fit	1	C1509	-
2	10pF 5% Ceramic	3	C1510, C1511, C1512	RAD-0.2N
3	100nF Ceramic	2	C1560, C1561	RAD-0.2N
4	220nF 63V Polyester	7	C1501, C1502, C1503, C1504, C1505, C1506, C1508	RAD-0.2
	<b>CONNECTOR</b>			
5	14-pin IC Socket 0.3inch	2	U1501, U1502	DIP-14
	<b>LINEAR</b>			
6	LM3900 - Quad Norton Amplifier	2	U1501, U1502	DIP-14
	<b>RESISTOR</b>			
7	Wire Link	6	LK1501, LK1502, LK1503, LK1504, LK1505, LK1506	TO FIT
8	100K 1% 0.5W Metal Film	6	R1504, R1508, R1512, R1516, R1520, R1527	AXIAL-0.4
9	120K 1% 0.5W Metal Film	6	R1502, R1506, R1510, R1514, R1518, R1525	AXIAL-0.4
10	180K 1% 0.5W Metal Film	1	R1522	AXIAL-0.4
11	470K 1% 0.5W Metal Film	13	R1501, R1503, R1505, R1507, R1509, R1511, R1513, R1515, R1517, R1519, R1521, R1524, R1526	AXIAL-0.4
12	680K 1% 0.5W Metal Film	1	R1523	AXIAL-0.4

**VCF 3 [Pixie Component Kit]**

Item	Description	Qty	Designator	Package
	<b>CAPACITOR</b>			
1	Do Not Fit	11	C1601, C1602, C1603, C1604, C1605, C1606, C1607, C1608, C1609, C1610, C1611	-
	<b>DIODE</b>			
2	Do Not Fit	14	D1601, D1602, D1603, D1604, D1605, D1606, D1607, D1608, D1609, D1610, D1611, D1612, D1613, D1614	-
	<b>LINEAR</b>			
3	Do Not Fit	1	U1601	-
	<b>RESISTOR</b>			
4	Do Not Fit	20	LK1601, LK1602, LK1603, LK1604, R1601, R1602, R1603, R1604, R1606, R1607, R1608, R1609, R1610, R1611, R1612, R1614, R1614, R1617, R1618, R1698	-
	<b>TRANSISTOR</b>			
5	Do Not Fit	4	Q1601, Q1602, Q1603, Q1604	TO-92
	<b>TRIMPOT</b>			
6	Do Not Fit	1	P1602	3306W



## Mixer 2 [Pixie Component Kit]

Item	Description	Qty	Designator	Package
	<b>CAPACITOR</b>			
1	100nF Ceramic	1	C1707	RAD-0.2N
2	220nF 63V Polyester	4	C1701, C1702, C1705, C1706	RAD-0.2
	<b>CONNECTOR</b>			
3	14-pin IC Socket 0.3inch	1	U1701	DIP-14
	<b>LINEAR</b>			
4	LM3900 - Quad Norton Amplifier	1	U1701	DIP-14
	<b>RESISTOR</b>			
5	Wire Link	4	LK1701, LK1702, LK1703, LK1704	TO FIT
6	100K 1% 0.5W Metal Film	3	R1704, R1708, R1712	AXIAL-0.4
7	120K 1% 0.5W Metal Film	4	R1702, R1706, R1710, R1714	AXIAL-0.4
8	470K 1% 0.5W Metal Film	8	R1701, R1703, R1705, R1707, R1709, R1711, R1713, R1715	AXIAL-0.4

Bill of Materials for Pixie Attache Full Kit V2A  
**Triangle Generator [Pixie Component Kit]**

Item	Description	Qty	Designator	Package
	<b>CAPACITOR</b>			
1	1.5nF 63V Polyester	2	C251, C253	RAD-0.2
2	2.2nF 63V Polyester	2	C252, C254	RAD-0.2
3	100nF Ceramic	2	C255, C256	RAD-0.2N
	<b>CONNECTOR</b>			
4	14-pin IC Socket 0.3inch	4	U251, U252, U253, U254	DIP-14
	<b>LOGIC</b>			
5	CD4007 - Dual Complimentary Pair plus Inverter	2	U252, U254	DIP-14
6	CD4069 - Hex Inverter Unbuffered	2	U251, U253	DIP-14
	<b>RESISTOR</b>			
7	3M3 1% 0.5W Metal Film	2	R253, R264	AXIAL-0.4

Bill of Materials for Pixie Attache Full Kit V2A  
**VCF Switcher [Pixie Component Kit]**

Item	Description	Qty	Designator	Package
	<b>CAPACITOR</b>			
1	1nF 63V Polyester	4	C1906, C1907, C1956, C1957	RAD-0.2
2	100nF Ceramic	4	C1959, C1960, C1961, C1965	RAD-0.2N
3	100nF 63V Polyester	2	C1955, C1966	RAD-0.2
	<b>CONNECTOR</b>			
4	16-pin IC Socket 0.3inch	2	U1998, U1999	DIP-16
5	14-pin IC Socket 0.3inch	2	U1902, U1904	DIP-14
	<b>DIODE</b>			
6	1N4148	4	D1901, D1902, D1903, D1904	DIODE-0.3
	<b>LOGIC</b>			
7	CD4016 - Quad Analogue switch	1	U1904	DIP-14
8	CD4051 - Single 8-channel Multiplexer	2	U1998, U1999	DIP-16
9	CD4069 - Hex Inverter Unbuffered	1	U1902	DIP-14
	<b>RESISTOR</b>			
10	Wire Link	1	LK1901	TO FIT
11	33K 1% 0.5W Metal Film	2	R1918, R1968	AXIAL-0.4
12	51K 1% 0.5W Metal Film	2	R1916, R1966	AXIAL-0.4
13	100K 1% 0.5W Metal Film	7	R1917, R1923, R1924, R1925, R1967, R1972, R1973	AXIAL-0.4
14	1M0 1% 0.5W Metal Film	2	R1915, R1965	AXIAL-0.4



Bill of Materials for Pixie Attache Full Kit V2A  
**Ring Modulator [Pixie Component Kit]**

Item	Description	Qty	Designator	Package
<b>CONNECTOR</b>				
1	14-pin IC Socket 0.3inch	2	U2100, U2101	DIP-14
<b>DIODE</b>				
2	1N4148	2	D2101, D2102	DIODE-0.3
<b>LINEAR</b>				
3	LM3900 - Quad Norton Amplifier	1	U2100	DIP-14
<b>LOGIC</b>				
4	CD4011 - Quad 2-input NAND Gate	1	U2101	DIP-14
<b>RESISTOR</b>				
5	Wire Link	3	LK1201, LK2102, LK2103	TO FIT
6	100K 1% 0.5W Metal Film	6	R2103, R2104, R2107, R2108, R2109, R2110	AXIAL-0.4
7	1M0 1% 0.5W Metal Film	4	R2101, R2102, R2105, R2106	AXIAL-0.4

**Pixie Attache Case Kit**

Item	Description	Qty	Designator	Package
	<b>ENCLOSURE</b>			
1	CASE - Attache Small	1		-
	<b>HARDWARE</b>			
2	Equipment 7/0.2 Violet	1000		-
3	Equipment 7/0.2 Black	1000		-
4	Equipment 7/0.2 Brown	1000		-
5	Equipment 7/0.2 Red	1000		-
6	Equipment 7/0.2 Orange	1000		-
7	Equipment 7/0.2 Yellow	1000		-
8	Equipment 7/0.2 Blue	1000		-
9	M3 x 45mm Hexagonal Standoff MF	4	FIX1, FIX2, FIX3, FIX4	-
10	Equipment 7/0.2 Grey	1000		-
11	Equipment 7/0.2 Pink	1000		-
12	Equipment 7/0.2 White	1000		-
13	WIRE - Audio Single-core Screened	100		-
14	M3 x 20mm Bolt CS	4	FIX1, FIX2, FIX3, FIX4	-
15	M3 x 8mm Nylon Spacer Threaded	4	FIX1, FIX2, FIX3, FIX4	-
16	Equipment 7/0.2 Green	1000		-
17	M3 Nut Domed	4	FIX1, FIX2, FIX3, FIX4	-







**3 [Pixie Attache Hardware Kit]**

<b>Item</b>	<b>Description</b>	<b>Qty</b>	<b>Designator</b>	<b>Package</b>
	<b>HARDWARE</b>			
1	KNOB - EDP Wasp Yellow Cap	1	P301	-
	<b>POTENTIOMETER</b>			
2	50KA LOG - 18T Spline	1	PP301	ALPHA 16MM

Bill of Materials for Pixie Attache Full Kit V2A  
**LFO [Pixie Attache Hardware Kit]**

Item	Description	Qty	Designator	Package
<b>HARDWARE</b>				
1	KNOB - EDP Wasp Yellow Cap	3	P401, P402, S400	-
<b>OPTO-ELECTRONIC</b>				
2	5mm Clear Lens Mount	1	D404	-
3	5mm Red LED	1	D404	-
<b>POTENTIOMETER</b>				
4	50KB LIN - 18T Spline	1	PP402	ALPHA 16MM
5	1MC Anti-LOG [LA16ECO - 18T Spline]	1	PP401	LA2G16ECO
<b>SWITCH</b>				
6	2P6W - D-Shaft	1	S4S	-



**6 [Pixie Attache Hardware Kit]**

Item	Description	Qty	Designator	Package
	<b>HARDWARE</b>			
1	KNOB - EDP Wasp Yellow Cap	3	P600, P601, P602	-
	<b>POTENTIOMETER</b>			
2	50KB LIN - 18T Spline	1	PP602	ALPHA 16MM
3	1MA LOG - 18T Spline	2	PP600, PP601	ALPHA 16MM
	<b>SWITCH</b>			
4	SPDT Panel [ON-ON]	1	SS600	-

**7 [Pixie Attache Hardware Kit]**

Item	Description	Qty	Designator	Package
	<b>CONNECTOR</b>			
1	6.35mm Mono Socket - Metal, Panel	2	J701, J702	-















Bill of Materials for Pixie Attache Full Kit V2A  
**14 [Pixie Attache Hardware Kit]**

Item	Description	Qty	Designator	Package
	<b>CONNECTOR</b>			
1	2.5mm DC Panel Socket + Flat Washer	1	J1404	-
2	5-PIN DIN Round Panel Socket	1	J1401	-
	<b>HARDWARE</b>			
3	KNOB - EDP Wasp Yellow Cap	3	J1405A, J1405B, J1405C	-
	<b>OPTO-ELECTRONIC</b>			
4	5mm Clear Lens Mount	1	D1403	-
5	5mm Yellow LED	1	D1403	-
	<b>POTENTIOMETER</b>			
6	10KB LIN - 18T Spline	3	JJ1405A, JJ1405B, JJ1405C	ALPHA 16MM
	<b>SWITCH</b>			
7	SPDT Panel [ON-ON]	3	SS101, SS1401A, SS1401B	-



### 16 [Pixie Attache Hardware Kit]

Item	Description	Qty	Designator	Package
<b>HARDWARE</b>				
1	KNOB - EDP Wasp Yellow Cap	2	P1603, P1605	-
<b>POTENTIOMETER</b>				
2	10KB LIN - 18T Spline	1	PP1603	ALPHA 16MM
3	50KB LIN - 18T Spline	1	PP1605	ALPHA 16MM
<b>SWITCH</b>				
4	1P12W - D-Shaft	1	SS1601	-

### 17 [Pixie Attache Hardware Kit]

Item	Description	Qty	Designator	Package
<b>HARDWARE</b>				
1	KNOB - EDP Wasp Yellow Cap	3	P1701, P1702, P1703	-
<b>POTENTIOMETER</b>				
2	100KA LOG - 18T Spline	4	PP1701, PP1702, PP1705, PP1706	ALPHA 16MM

Bill of Materials for Pixie Attache Full Kit V2A

Item	Description	Qty	Designator	Package



Bill of Materials for Pixie Attache Full Kit V2A  
**19 [Pixie Attache Hardware Kit]**

Item	Description	Qty	Designator	Package
	<b>HARDWARE</b>			
1	KNOB - EDP Wasp Yellow Cap	1	S1903	-
	<b>SWITCH</b>			
2	SPDT Panel [ON-ON]	2	SS1901, SS1902	-
3	1P12W - D-Shaft	2	SS1903, SS1904	-

