

The Pixie
An EDP WASP Clone

| RESISTORS | Qty | X | X | AUDIO | SAWTOOTH | VCF1 | VCF2 | VCF3 | CONTROL | SWITCH | LFO | MIDIINT | MIXER1 | MIXER2 | NOISE | PSU | PWM-LFO | RINGMOD | TRIANGLE | VCA | VCA-EG | VCF-EG |
|-------------------------|-----|---|---|-------|----------|------|------|------|---------|--------|-----|---------|--------|--------|-------|-----|---------|---------|----------|-----|--------|--------|
| 10R 0.5W 1% Metal Film | 4 | | | 1 | | | | | | | | | | | 2 | 1 | | | | | | |
| 47R 0.5W 1% Metal Film | 1 | | | 1 | | | | | | | | | | | | | | | | | | |
| 220R 0.5W 1% Metal Film | 1 | | | | | | | | | | | 1 | | | | | | | | | | |
| 470R 0.5W 1% Metal Film | 2 | | | | | | | | | | 1 | 1 | | | | | | | | | | |
| 680R 0.5W 1% Metal Film | 1 | | | | | | | | | | | | | | | | | | | 1 | | |
| 1K 0.5W 1% Metal Film | 11 | | | | | 2 | 2 | 2 | 2 | | | | | | | 1 | | | | | 1 | 1 |
| 1K5 0.5W 1% Metal Film | 1 | | | | | | | | | | | 1 | | | | | | | | | | |
| 2K7 0.5W 1% Metal Film | 2 | | | | | | | 2 | | | | | | | | | | | | | | |
| 3K3 0.5W 1% Metal Film | 10 | | | | | | | | 6 | | 2 | | | | | | | | | | 1 | 1 |
| 4K7 0.5W 1% Metal Film | 5 | | | | | 2 | 2 | 1 | | | | | | | | | | | | | | |
| 5K1 0.5W 1% Metal Film | 1 | | | | | | | | | | | | | | | 1 | | | | | | |
| 5K6 0.5W 1% Metal Film | 1 | | | | | | | | 1 | | | | | | | | | | | | | |
| 6K8 0.5W 1% Metal Film | 1 | | | | | | | | | | 1 | | | | | | | | | | | |
| 10K 0.5W 1% Metal Film | 18 | | | | | | | 5 | | | | 5 | | | | | | | 3 | | 3 | 2 |
| 12K 0.5W 1% Metal Film | 3 | | | | | | | | 3 | | | | | | | | | | | | | |
| 15K 0.5W 1% Metal Film | 2 | | | | | | | | | | | 1 | | | 1 | | | | | | | |
| 18K 0.5W 1% Metal Film | 1 | | | | | | | | | | | | | | | | | | | 1 | | |
| 20K 0.5W 1% Metal Film | 1 | | | | | | | | | | | | | | | | | | | 1 | | |
| 22K 0.5W 1% Metal Film | 3 | | | | | | | | 2 | | 1 | | | | | | | | | | | |
| 33K 0.5W 1% Metal Film | 43 | | | 1 | 4 | 8 | 8 | | | 2 | 4 | | | | 1 | | | | | 5 | 5 | 5 |
| 39K 0.5W 1% Metal Film | 2 | | | | 2 | | | | | | | | | | | | | | | | | |
| 47K 0.5W 1% Metal Film | 7 | | | | | | | | 2 | | 4 | 1 | | | | | | | | | | |
| 51K 0.5W 1% Metal Film | 6 | | | | | 2 | 2 | | | 2 | | | | | | | | | | | | |
| 56K 0.5W 1% Metal Film | 7 | | | | 2 | | | | 2 | | | | | | | | | | 2 | | | 1 |
| 82K 0.5W 1% Metal Film | 2 | | | | | | | | | | | | | | | | | | 2 | | | |
| 100K 0.5W 1% Metal Film | 57 | | | | 4 | 5 | 5 | 5 | 2 | 7 | 2 | | 6 | 3 | | | 2 | 6 | 9 | | | 1 |
| 120K 0.5W 1% Metal Film | 4 | | | | 2 | | | | | | | | | | | | 2 | | | | | |
| 150K 0.5W 1% Metal Film | 11 | | | 1 | | | | | 1 | | | | 6 | 3 | | | | | | | | |
| 220K 0.5W 1% Metal Film | 4 | | | | | | | | 1 | | | | 1 | | | | | | | | 1 | 1 |
| 240K 0.5W 1% Metal Film | 2 | | | | 2 | | | | | | | | | | | | | | | | | |
| 270K 0.5W 1% Metal Film | 4 | | | | 4 | | | | | | | | | | | | | | | | | |
| 330K 0.5W 1% Metal Film | 4 | | | | 4 | | | | | | | | | | | | | | | | | |
| 470K 0.5W 1% Metal Film | 22 | | | 1 | | | | | | | | | 13 | 8 | | | | | | | | |
| 475K 0.5W 1% Metal Film | 2 | | | | 2 | | | | | | | | | | | | | | | | | |
| 510K 0.5W 1% Metal Film | 1 | | | | | | | | | | | | | | | | 1 | | | | | |
| 560K 0.5W 1% Metal Film | 2 | | | | | | | | | | | | | | | | 1 | | | | | 1 |
| 953K 0.5W 1% Metal Film | 2 | | | | 2 | | | | | | | | | | | | | | | | | |
| 1M 0.5W 1% Metal Film | 13 | | | | 2 | | | 1 | | 2 | | | | | | | | 4 | 2 | | 1 | 1 |
| 1M2 0.5W 1% Metal Film | 4 | | | | | | | | | | | | | | | | 4 | | | | | |
| 1M5 0.5W 1% Metal Film | 2 | | | | | | | | | | | | 1 | 1 | | | | | | | | |
| 3M3 0.5W 1% Metal Film | 2 | | | | | | | | | | | | | | | | | | 2 | | | |
| 10K 25-Turn Trimpot | 1 | | | | | | | 1 | | | | | | | | | | | | | | |
| 20K 25-Turn Trimpot | 1 | | | | | | | | | | 1 | | | | | | | | | | | |
| 50K 25-Turn Trimpot | 1 | | | | | | | | | | | | | | | | | | | | 1 | |

| HARDWARE | Qty | X | X | AUDIO | SAWTOOTH | VCF1 | VCF2 | VCF3 | CONTROL | SWITCH | LFO | MIDIINT | MIXER1 | MIXER2 | NOISE | PSU | PWM-LFO | RINGMOD | TRIANGLE | VCA | VCA-EG | VCF-EG |
|--------------------------|-----|---|---|-------|----------|------|------|------|---------|--------|-----|---------|--------|--------|-------|-----|---------|---------|----------|-----|--------|--------|
| M3x8mm SS PH Bolt | 2 | | | | | | | | | | | | | | | 2 | | | | | | |
| M3 SS Nut | 2 | | | | | | | | | | | | | | | 2 | | | | | | |
| Mini Heatsink Type 6073B | 2 | | | | | | | | | | | | | | | 2 | | | | | | |
| 4-way DIP Switch | 1 | | | | | | | | | | | 1 | | | | | | | | | | |
| 1x2 Pin Header | 38 | | | | 3 | 1 | 1 | 4 | 4 | 1 | 2 | | 6 | 4 | 1 | | 2 | 3 | | 2 | 2 | 2 |
| Jumper Shunt | 38 | | | | 3 | 1 | 1 | 4 | 4 | 1 | 2 | | 6 | 4 | 1 | | 2 | 3 | | 2 | 2 | 2 |
| 1x12 Pin Header | 1 | | | | | | | | | | | 1 | | | | | | | | | | |

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| CAPACITORS | Qty | X | X | AUDIO | SAWTOOTH | VCF1 | VCF2 | VCF3 | CONTROL | SWITCH | LFO | MIDIINT | MIXER1 | MIXER2 | NOISE | PSU | PWM-LFO | RINGMOD | TRIANGLE | VCA | VCA-EG | VCF-EG |
|-------------------------------|-----|---|---|-------|----------|------|------|------|---------|--------|-----|---------|--------|--------|-------|-----|---------|---------|----------|-----|--------|--------|
| 10pF 5% Ceramic, Low K, NPO | 2 | | | | 2 | | | | | | | | | | | | | | | | | |
| 33pF 5% Ceramic, Low K, NPO | 3 | | | | | | | | | | 1 | 2 | | | | | | | | | | |
| 68pF 5% Ceramic, Low K, NPO | 2 | | | | | | | | | | | | | | | | | | | | 1 | 1 |
| 68pF 2.5% Polystyrene | 2 | | | | | 1 | 1 | | | | | | | | | | | | | | | |
| 100pF 2.5% Polystyrene | 1 | | | | | | | | | | | | 1 | | | | | | | | | |
| 1nF 50V Polyester | 14 | | | | 4 | 2 | 2 | | | 4 | 1 | | | | 1 | | | | | | | |
| 1n5F 50V Polyester | 2 | | | | | | | | | | | | | | | | | | 2 | | | |
| 2n2 50V Polyester | 2 | | | | | | | | | | | | | | | | | | 2 | | | |
| 6n8 50V Polyester | 2 | | | | 2 | | | | | | | | | | | | | | | | | |
| 10nF 50V Polyester | 10 | | | | 2 | | | 6 | 2 | | | | | | | | | | | | | |
| 47nF 50V Polyester | 1 | | | 1 | | | | | | | | | | | | | | | | | | |
| 100nF 50V Polyester | 4 | | | | | | | | | 2 | | | | | | | 2 | | | | | |
| 100nF Decoupling Capacitor | 42 | | | 1 | 7 | 1 | 1 | 1 | 1 | 4 | 2 | 1 | 2 | 1 | 5 | 4 | 1 | 2 | 2 | 1 | 3 | 2 |
| 220nF 50V Polyester | 17 | | | | | 3 | 3 | | | | | | 7 | 4 | | | | | | | | |
| 470nF 50V Polyester | 1 | | | | | | | | | | 1 | | | | | | | | | | | |
| 0.47uF 35V Tantalum | 3 | | | | 2 | | | | 1 | | | | | | | | | | | | | |
| 1uF 35V Tantalum | 1 | | | | | | | | | | | 1 | | | | | | | | | | |
| 4u7 35V Tantalum | 2 | | | | | | | | | | | | | | | | | | | | 1 | 1 |
| 4u7F 25V Electrolytic | 6 | | | 1 | | | | 3 | | | | | | | 2 | | | | | | | |
| 10uF 25V Electrolytic | 4 | | | | | | | | | | | 1 | | | | 3 | | | | | | |
| 10uF 25V Bipolar Electrolytic | 1 | | | | | | | | | | | | | | | | | | | 1 | | |
| 220uF 25V Electrolytic | 2 | | | 1 | | | | 1 | | | | | | | | | | | | | | |
| 470uF 25V Electrolytic | 1 | | | | | | | | | | | | | | | 1 | | | | | | |

| SEMICONDUCTORS | Qty | X | X | AUDIO | SAWTOOTH | VCF1 | VCF2 | VCF3 | CONTROL | SWITCH | LFO | MIDIINT | MIXER1 | MIXER2 | NOISE | PSU | PWM-LFO | RINGMOD | TRIANGLE | VCA | VCA-EG | VCF-EG |
|--|-----|---|---|-------|----------|------|------|------|---------|--------|-----|---------|--------|--------|-------|-----|---------|---------|----------|-----|--------|--------|
| OA95 Germanium Diode | 1 | | | | | | | | | | | 1 | | | | | | | | | | |
| 1N4004 200V 1A Diode | 3 | | | | | | | | | | | | | | | 3 | | | | | | |
| 1N4148 Signal Diode | 31 | | | | | 2 | 2 | 14 | | 4 | 3 | 4 | | | | | | 2 | | | | |
| 6N138 - Opto-coupler | 1 | | | | | | | | | | | 1 | | | | | | | | | | |
| 7805 +5V 1A Regulator | 2 | | | | | | | | | | | | | | | 2 | | | | | | |
| CA3080 - Transconductance Opamp | 5 | | | | | 2 | 2 | | | | | | | | | | | | | 1 | | |
| CD4007 - Dual Complimentary Pair plus Inverter | 2 | | | | | | | | | | | | | | | | | | 2 | | | |
| CD4011 - Quad 2-input NAND Gate | 1 | | | | | | | | | | | | | | | | | 1 | | | | |
| CD4013 - Dual D-type flip flop | 3 | | | | 2 | | | | | | | | | | | | | | | | | 1 |
| CD4015 - Dual 4-bit Static Shift-register | 3 | | | | | | | | | | | | | | 3 | | | | | | | |
| CD4016 - Quad Analogue switch | 3 | | | | | | | | | 1 | 1 | | | | | | | | | | 1 | |
| CD4024 - 7-stage Binary Counter | 2 | | | | 2 | | | | | | | | | | | | | | | | | |
| CD4030/4070 Quad EXOR | 1 | | | | | | | | | | | | | | 1 | | | | | | | |
| CD4051 - Single 8-channel Multiplexer | 2 | | | | | | | | | 2 | | | | | | | | | | | | |
| CD4069 - Hex Inverter Unbuffered | 9 | | | | 1 | 1 | 1 | | | 1 | 1 | | | | 1 | | | | 2 | | 1 | |
| CD4081 | 2 | | | | | | | | | | | | | | | | | | | | 1 | 1 |
| LM336 2V5 Reference Diode | 1 | | | | | | | | | | | | | | | 1 | | | | | | |
| LM386 - Opamp | 1 | | | 1 | | | | | | | | | | | | | | | | | | |
| LM3900 - Quad Norton Amplifier | 8 | | | | 1 | | | | 1 | | | | 2 | 1 | | | 1 | 1 | | | 1 | |
| TL081 JFET Opamp | 1 | | | | | | | 1 | | | | | | | | | | | | | | |
| 2N3904 NPN Transistor | 9 | | | | | | | 3 | | | 1 | 1 | | | | | | | | | 2 | 2 |
| 2N3906 PNP Transistor | 5 | | | | | | | 1 | 4 | | | | | | | | | | | | | |
| 16MHz Crystal | 1 | | | | | | | | | | | 1 | | | | | | | | | | |

| PCB | Qty | X | X |
|--------------------|-----|---|---|
| M30624FGAFP 100PS6 | 1 | | |
| PIXIE PCB | 1 | | |

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| MTA CRIMP CONNECTOR KIT | Qty | X | X | AUDIO | SAWTOOTH | VCF1 | VCF2 | VCF3 | CONTROL | SWITCH | LFO | MIDIINT | MIXER1 | MIXER2 | NOISE | PSU | PWM-LFO | RINGMOD | TRIANGLE | VCA | VCA-EG | VCF-EG |
|----------------------------------|-----|---|---|-------|----------|------|------|------|---------|--------|-----|---------|--------|--------|-------|-----|---------|---------|----------|-----|--------|--------|
| Crimp to suit 0.1" MTA-xx Series | 211 | | | 5 | 30 | 3 | 3 | 8 | 14 | 12 | 24 | 24 | 17 | 9 | 5 | 6 | | | 24 | 3 | 11 | 13 |
| 2-way Housing | 18 | | | 1 | | | | 1 | 1 | | 2 | 5 | 1 | | 1 | 3 | | | | | 1 | 2 |
| 2-way Straight, Locking Header | 18 | | | 1 | | | | 1 | 1 | | 2 | 5 | 1 | | 1 | 3 | | | | | 1 | 2 |
| 3-way Housing | 33 | | | 1 | 2 | 1 | 1 | 2 | 4 | 2 | 2 | 2 | 5 | 3 | 1 | | | | | 1 | 3 | 3 |
| 3-way Straight, Locking Header | 33 | | | 1 | 2 | 1 | 1 | 2 | 4 | 2 | 2 | 2 | 5 | 3 | 1 | | | | | 1 | 3 | 3 |
| 6-way Housing | 10 | | | | 4 | | | | | 1 | 1 | | | | | | | | 4 | | | |
| 6-way Straight, Locking Header | 10 | | | | 4 | | | | | 1 | 1 | | | | | | | | 4 | | | |
| 8-way Housing | 2 | | | | | | | | | | 1 | 1 | | | | | | | | | | |
| 8-way Straight, Locking Header | 2 | | | | | | | | | | 1 | 1 | | | | | | | | | | |

| IC SOCKET KIT | Qty | X | X | AUDIO | SAWTOOTH | VCF1 | VCF2 | VCF3 | CONTROL | SWITCH | LFO | MIDIINT | MIXER1 | MIXER2 | NOISE | PSU | PWM-LFO | RINGMOD | TRIANGLE | VCA | VCA-EG | VCF-EG |
|------------------|-----|---|---|-------|----------|------|------|------|---------|--------|-----|---------|--------|--------|-------|-----|---------|---------|----------|-----|--------|--------|
| 8-pin IC Socket | 8 | | | 1 | | 2 | 2 | 1 | | | | 1 | | | | | | | | 1 | | |
| 14-pin IC Socket | 31 | | | | 6 | 1 | 1 | | 1 | 2 | 2 | | 2 | 1 | 2 | | 1 | 2 | 4 | | 4 | 2 |
| 16-pin IC Socket | 5 | | | | | | | | | 2 | | | | | 3 | | | | | | | |

| PANEL COMPONENT KIT | Qty | X | X | AUDIO | SAWTOOTH | VCF1 | VCF2 | VCF3 | CONTROL | SWITCH | LFO | MIDIINT | MIXER1 | MIXER2 | NOISE | PSU | PWM-LFO | RINGMOD | TRIANGLE | VCA | VCA-EG | VCF-EG |
|--|-----|---|---|-------|----------|------|------|------|---------|--------|-----|---------|--------|--------|-------|-----|---------|---------|----------|-----|--------|--------|
| 5-PIN DIN Panel Socket | 1 | | | | | | | | | | | | | | | | | | | | | |
| 2.5mm DC Panel Socket | 1 | | | | | | | | | | | | | | | | | | | | | |
| 6.35mm Mono Switched Socket | 1 | | | 1 | | | | | | | | | | | | | | | | | | |
| 6.35mm Stereo Switched PCB Jack Socket | 1 | | | 1 | | | | | | | | | | | | | | | | | | |
| 3.5mm Mono Panel Jack Socket, Cliff SB/66 | 3 | | | | | | | 1 | | | | | 1 | | | | | | | | | 1 |
| 20mm Black Knob, 1/4" shaft with D push-on | 37 | | | | 4 | 1 | 1 | 2 | 4 | 1 | 3 | 3 | 5 | 3 | 1 | | | | 2 | 1 | 3 | 3 |
| 20mm White Cap | 37 | | | | 4 | 1 | 1 | 2 | 4 | 1 | 3 | 3 | 5 | 3 | 1 | | | | 2 | 1 | 3 | 3 |
| SPDT Toggle Switch (ON-ON) | 8 | | | | | | | | | 2 | | 4 | | | | | | | | | 1 | 1 |
| SPDT Toggle Switch (ON-OFF-ON) | 1 | | | | | | | | | | | 1 | | | | | | | | | | |
| 5mm Recessed Chrome Red LED | 3 | | | | | | | | | | 1 | 1 | | | | 1 | | | | | | |
| 2P6W Rotary Switch | 6 | | | | 2 | | | | | 1 | 1 | | | | | | | | 2 | | | |
| 10K LIN (24mm Alpha, 1/4" D shaft) | 4 | | | | | | | 1 | | | | 3 | | | | | | | | | | |
| 50K LIN (24mm Alpha, 1/4" D shaft) | 5 | | | | | 1 | 1 | 1 | | | | | | | | | | | | | 1 | 1 |
| 50K LOG (24mm Alpha, 1/4" D-shaft) | 2 | | | | | | | | | | | | | | 1 | | | | | 1 | | |
| 100K LOG (24mm Alpha, 1/4" D shaft) | 8 | | | | | | | | | | | | 5 | 3 | | | | | | | | |
| 100K LIN (24mm Alpha, 1/4" D shaft) | 1 | | | | | | | | 1 | | | | | | | | | | | | | |
| 500K LIN (24mm Alpha, 1/4" D shaft) | 3 | | | | 2 | | | | | | 1 | | | | | | | | | | | |
| 1M LIN (24mm Alpha, 1/4" D-shaft) | 3 | | | | | | | | 3 | | | | | | | | | | | | | |
| 1M LOG (24mm Alpha, 1/4" D shaft) | 4 | | | | | | | | | | | | | | | | | | | | 2 | 2 |
| 2M2 Anti-LOG (OW16ECO, 1/4" D shaft) | 1 | | | | | | | | | | 1 | | | | | | | | | | | |

| ATTACHE CASE KIT | Qty | X | X |
|---|-----|---|---|
| M4 x 10mm Untapped Nylon Spacer | 4 | | |
| M3 SS Nut | 18 | | |
| M3x10mm SS PH Bolt | 16 | | |
| M3x10mm SS CS Bolt | 2 | | |
| 2 x PP3 Battery Drawer Bulgin BX0026 | 1 | | |
| Pixie Front Panel | 1 | | |
| Pixie Rear Panel | 1 | | |
| Small Attache Case (407mm x 277mm x 95mm) | 1 | | |
| Panel support U-brackets | 2 | | |
| M3 clinch-nuts | 8 | | |
| M3 U-bracket bolts | 4 | | |