**Resistors:**

|  |  |  |  |
| --- | --- | --- | --- |
| QTY | Value | Ref. | Mouser Part # |
| 1 | 22Ω | R4 | 291-22-RC |
| 1 | 470Ω | R7b | 291-470-RC |
| 1 | 1kΩ | R8 | 291-1k-RC |
| 5 | 2.2kΩ | R3, R11, R12, R14, R23 | 291-2.2k-RC |
| 1 | 4.7kΩ | R5 | 291-4.7k-RC |
| 2 | 6.8kΩ | R13, R15 | 291-6.8k-RC |
| 4 | 10kΩ | R18, R19, R20, R21 | 291-10k-RC |
| 2 | 22kΩ | R6, R22 | 291-22k-RC |
| 3 | 47kΩ | R16, R17, R7a | 291-47k-RC |
| 1 | 68kΩ | R24 | 291-68k-RC |
| 5 | 100kΩ | R1, R10, R31, R33, R34 | 291-100k-RC |

**TOTAL: 26**

**Diodes:**

|  |  |  |  |
| --- | --- | --- | --- |
| QTY | Value | Ref. | Mouser Part # |
| 2 | 1N4002 | D3, D4 | 863-1N4002G |
| 1 | 3mm Green LED | LED1 | 604-WP710A10GD |

**TOTAL: 3**

**Capacitors:**

|  |  |  |  |
| --- | --- | --- | --- |
| QTY | Value | Ref. | Mouser Part # |
| 1 | 22pF Ceramic | C13 | 140-50N5-220J-RC |
| 1 | 1nF Ceramic | C1 | 140-50P2-102K-RC |
| 1 | 2.2nF Ceramic | C9 | 140-50Z5-222M-RC |
| 1 | 10nF Ceramic | C3 | 594-D103Z25Z5VF63L6R |
| 2 | 33nF Ceramic | C6, C7 | 594-K333K15X7RF5TL2 |
| 8 | 100nF Ceramic | C4, C5, C10, C11, C15, C16, C18, C19 | 140-50V5-104Z-RC |
| 4 | 10uF Electrolytic | C2, C12, C14, C17 | 667-EEU-HD1H100 |
| 1 | 22uF Electrolytic | C8 | 140-SEA220M1VBK0607 |

**TOTAL: 19**

**Integrated Circuits:**

|  |  |  |  |
| --- | --- | --- | --- |
| QTY | Value | Ref. | Mouser Part # |
| 3 | TL072 | BRICK, IC4\_DRV\_RCVR, IC2\_EQ | 595-TL072IPE4 |
| 1 | TL074 | IC1 | 595-TL074CN |
| 3 | 8 Pin DIP Socket | BRICK, IC4\_DRV\_RCVR, IC2\_EQ | 571-1-2199298-2 |
| 1 | 14 Pin DIP Socket | IC1 | 571-1-2199298-4 |

**TOTAL: 8**

**Potentiometers:**

|  |  |  |  |
| --- | --- | --- | --- |
| QTY | Value | Ref. | Mouser Part # |
| 2 | 10kΩ 9mm Vert Mount | R2, TILT\_EQ | Synthrotek |
| 2 | 50kΩ 9mm Vert Mount | ATTEN-U, BLEND | Synthrotek |

**TOTAL: 4**

**Transistors / Voltage Regulators:**

|  |  |  |  |
| --- | --- | --- | --- |
| QTY | Value | Ref. | Mouser Part # |
| 1 | 2N3904 | T1 | 512-2N3904BU |
| 1 | LM78L05 | 78L05 | 512-LM78L05ACZ |

**TOTAL: 2**

**Jacks / Headers:**

|  |  |  |  |
| --- | --- | --- | --- |
| QTY | Value | Ref. | Mouser Part # |
| 1 | 2 Pin Jumper | JP1 \*maybe | 571-8815451 |
| 1 | 1x3 Male Header | JP1 | 571-4-103321-5 |
| 1 | 1x5 Male Header | JP5 | 855-M20-9990546 |
| 1 | 1x5 Female Socket | JP3 | 517-929850-01-05-RA |
| 1 | 2x5 Unshrouded Header | POWER | 649-68692-210HLF |
| 4 | 3.5mm Vertical Mount Mono Jack | CV, OUT, X\_FADE, IN | PJ301BM from Synthrotek, Various Suppliers |
| 2 | PCB Mount RCA Jacks | TO:INPUT, TO:OUTPUT | 16PJ092-E |

**TOTAL: 11**

**Other:**

|  |  |  |  |
| --- | --- | --- | --- |
| QTY | Value | Ref. | Mouser Part # |
| 2 | 200mA Resettable Fuse |  | 652-MFR020-LF |
| 1 | Vactrol / Optocoupler | LDR1 | Synthrotek |
| 1 | Reverb Tank | N/A | Various Suppliers \*see documentation |
| 2 | Hex Spacer | N/A | Synthrotek |
| 6 | 2.5 x 6mm Screws | N/A | Synthrotek |
| 2 | 3.0 x 6mm Screws | N/A | Synthrotek |
| 3 | White Davies Clone Knobs | N/A | Synthrotek |
| 1 | PCB/Panel Set | N/A | Synthrotek |

**TOTAL: 18**