

| Qty | Value | Device | Package | Parts | Mouser | Notes |
|-----|--------------------------------|---|--------------|--------------------------------------|---|---|
| | Hardware and connectors | | | | | |
| 1 | | 1x3 Male header | 1X03 | JP1 | 649-69190-403 | |
| 1 | | 1x5 Male Header | 1X05 | JP5 | 649-69190-405HLF | |
| 1 | | 1x5 Female Header | 1X05 | JP3 | 855-M20-7820546 | |
| 1 | | 2x5 Male header | MA05-2 | POWER | 649-67997-210HLF | |
| 1 | FROM_TANK | PCB Phono Socket Red | BTOR1 | TO:OUTPUT | 16PJ092R-E | |
| 1 | TO_TANK | PCB Phono Socket White | BTOR1 | TO:INPUT | 16PJ092W-E | |
| 2 | | Panel Phono Socket for 6.5mm panel hole | | TO:OUTPUT, TO:INPUT | 502-3501FPX | |
| 4 | | 3.5mm Switched Socket | PJ301BM | CV, OUT, X_FADE, IN | Thonk or Erthenvar | |
| 4 | | M3 Screws 5mm | | | 534-9191-4 | |
| 2 | | M3 11m Hex Spacers | | | 855-R30-1001102 | |
| 3 | | 8 pin DIL sockets | | | 649-DILB8P223TLF | |
| 1 | | 14 pin DIL socket | | | 649-DILB14P-223TLF | |
| 1 | | Jumper | | | 151-8010-E | |
| | Semiconductors | | | | | |
| 2 | 1N4001 | Diode | DO41-10 | D3, D4 | 512-1N4001 | |
| 1 | 2N3904 | NPN Transistor | TO92 | T1 | 512-2N3904TAR | |
| 2 | TL072 | Dual Op Amp | DIL08 | BRICK, IC4_DRV_RCVR | 595-TL072CP | |
| 1 | NE5532 (or TL072) | Dual Op Amp | DIL08 | IC2_EQ | 595-NE5532P | |
| 1 | TL074 | Quad Op Amp | DIL14 | IC1 | 595-TL074CN | |
| 1 | 78L05 | 5v 0.1a Voltage Regulator | TO-92 | 78L05 | 511-L78L05ACZ | |
| 1 | 3mm Superbright LED | LED3MM | LED3MM | LED1 | 593-VAOL-3LWY4 | |
| | Potentiometers | | | | | |
| 1 | 10k | 3386J / 3299W style Trimmer | 3386J | R2 | 72-T93YA-10K | |
| 1 | 10k | Alpha 9mm for 9mm panel hole | EVUF | TILT_EQ | 688-RK09L1140A2U / 858-P0915N-FC20BR10K | NB: Check carefully - these may have non-matching shaft lengths |
| 2 | 50k | Alpha 9mm for 9mm panel hole | EVUF | ATTEN-U, BLEND | 688-RK09L1140A5P | |
| | Capacitors | | | | | |
| 1 | .01uf / 10nf | C-EU050-024X044 | C050-024X044 | C3 | 80-C317C103K5R | |
| 8 | 100n | C-EU050-024X044 | C050-024X044 | C4, C15, C18, C19, C5, C10, C11, C16 | 594-K104K15X7RF5TH5 | |
| 1 | 2.2nf / 2200pf | C-EU050-024X044 | C050-024X044 | C9 | 75-1C20X7R222K050B | A bit big - doesn't need to be 50v |
| 1 | 1nf | C-EU050-024X044 | C050-024X044 | C1 | 140-50Q5-102Z-RC | |
| 2 | 33nf | C-EU050-024X044 | C050-024X044 | C6, C7 | 598-DSF050J333 | |
| 4 | 10uf | CAP_POLPTH2 | Electrolytic | C14, C17, C12, C2 | 667-ECE-A1EKS100 | |
| 1 | 22uf | CAP_POLPTH2 | Electrolytic | C8 | 667-ECE-A1CKS220 | |
| 1 | 22pf | 050X030_0251 | 050X030_025 | C13 | 140-50N2-220J-RC | |
| | Resistors | | | | | |
| 4 | 10k | Resistor | 0207/10 | R18, R21, R20, R19 | 660-MF1/4DCT52A1002F | |
| 5 | 2.2k | Resistor | 0207/10 | R3, R23,R12, R14, R11 | 660-MF1/4DCT52R2201F | |
| 1 | 22R | Resistor | 0207/10 | R4 | 660-MF1/4DCT52R22R0F | |
| 2 | 22k | Resistor | 0207/10 | R22,R6 | 660-MF1/4DCT52R2202F | |
| 1 | 470R | Resistor | 0207/10 | R7b | 660-MF1/4DCT52R4700F | |
| 1 | 4.7k | Resistor | 0207/10 | R5 | 660-MF1/4DCT52R4701F | |
| 3 | 47k | Resistor | 0207/10 | R16, R17, R7a | 660-MF1/4DCT52R4702F | |
| 1 | 68k | Resistor | 0207/10 | R24 | 660-MF1/4DC6802F | |
| 5 | 100k | Resistor | 0207/10 | R34, R31, R33, R1, R10 | 660-MF1/4DC1003F | |
| 1 | 1k | Resistor | 0207/10 | R8 | 660-MF1/4DCT52R1001F | |

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|---|----------------|--|-------------------|------------------------|--|--|
| 2 | 6.8k | Resistor | 0207/10 | R13, R15 | 660-MF1/4DCT52R6801F | |
| | | | | | | |
| | Other | | | | | |
| 2 | FUSE | .2a PTC Fuse | C050H075X075 | 0.2a trip current fuse | 576-60R010XU | |
| 1 | VTL5C3 / 32SR2 | Silonex or Excelitas resistive optocoupler | VACTROL_COMPALDR1 | | Farnell: 3692218 or Thonk or Smallbear | |
| 1 | BTDR-2H | Accutronics reverb brick | BTDR-2H | | Banzai part 34859 Smallbear part 5002 | |
| 1 | | Accutronics Reverb Tank | | | 9EB2C1B or 8EB2C1B | |
| 1 | | Large knob - around 24mm | | | Davies 1610AA, Rogan RB-67-0-SK | |
| 2 | | Small knobs - around 13m | | | Davies 1900h, Rogan RB-67 | |