

Safety Valve VALVE DISTORTION

| Id | Designator     | Package  | Quantity | Designation          | Supplier and ref |  |  |
|----|----------------|--|----------|----------------------|------------------|--|--|
| 1  | D1             | LED_D3.0mm Super Bright is best. Or even bipolar if your fancy | 1        | LED                  |                  |  |  |
| 2  | D2             | LED_D5.0mm   | 1        | LED                  |                  |  |  |
| 4  | U2             | Vacuum tube 12AX7 is the same as ECC83                         | 1        | ECC83                |                  |  |  |
| 6  | J1             | Multicomp_MC9A12-1034_2x05_P2.54mm_Vertical                    | 1        | EURORACK STYLE POWER |                  |  |  |
| 7  | J2             | 6 Pin Socket Headers   | 1        | Connector            |                  |  |  |
| 9  | RV1            | Potentiometer_Alps_RK09K_Single_Vertical                       | 1        | B100k GAIN           |                  |  |  |
| 10 | RV2            | Potentiometer_Alps_RK09K_Single_Vertical                       | 1        | B100k TONE           |                  |  |  |
| 11 | RV3            | Potentiometer_Alps_RK09K_Single_Vertical                       | 1        | B100k VOL            |                  |  |  |
| 12 | C1,C2          | Electrolytic Capacitor   | 2        | 10uf                 |                  |  |  |
| 13 | C4             | Ceramic Capacitor  | 1        | 47nf                 |                  |  |  |
| 14 | C5,C6          | Ceramic Capacitor  | 2        | 100nf                |                  |  |  |
| 15 | C7             | Electrolytic Or Whatever!                                      | 1        | 1uf                  |                  |  |  |
| 16 | C8             | Ceramic Capacitor  | 1        | 10nf                 |                  |  |  |
| 17 | FB1,FB2        | Resistor Metal film Or Any Type Really                         | 2        | 10R                  |                  |  |  |
| 18 | R1,R3,R9       | Resistor Metal film Or Any Type Really                         | 3        | 10k                  |                  |  |  |
| 19 | R2             | Resistor Metal film Or Any Type Really                         | 1        | 1M                   |                  |  |  |
| 20 | R4             | Resistor Metal film Or Any Type Really                         | 1        | 220k                 |                  |  |  |
| 21 | R5             | Resistor Metal film Or Any Type Really                         | 1        | 27r                  |                  |  |  |
| 22 | R6             | Resistor Metal film Or Any Type Really                         | 1        | 470k                 |                  |  |  |
| 23 | R7,R14         | Resistor Metal film Or Any Type Really                         | 2        | 100k                 |                  |  |  |
| 24 | R8,R15,R10,R11 | Resistor Metal film Or Any Type Really                         | 4        | 1k                   |                  |  |  |
| 25 | R12            | Resistor Metal film Or Any Type Really                         | 1        | 470R                 |                  |  |  |
| 26 | R13            | Resistor Metal film Or Any Type Really                         | 1        | 47k                  |                  |  |  |
| 27 | U1             | TL072 Quad Opamp and Socket                                    | 1        | TL072                |                  |  |  |
| 28 | SW1            | DPDT Mini Toggle Switch  | 1        | BYPASS SWITCH DPDT   |                  |  |  |