

## part

## Partlist

## BOSS DS-1

| Part     | Value                    | Device          | Package      | Library    | Sheet |
|----------|--------------------------|-----------------|--------------|------------|-------|
| C1       | 47n                      | C-EU050-025X075 | C050-025X075 | rc1        | 1     |
| C2       | 0.47/50V                 | CPOL-EUE5-5     | E5-5         | rc1        | 1     |
| C3       | 250p                     | C-EU050-024X044 | C050-024X044 | rc1        | 1     |
| C4       | 68n                      | C-EU050-025X075 | C050-025X075 | rc1        | 1     |
| C5       | 100p                     | C-EU050-024X044 | C050-024X044 | rc1        | 1     |
| C6       | 0.47/50V                 | CPOL-EUE2.5-5   | E2,5-5       | rc1        | 1     |
| C7       | 0.47/50V                 | CPOL-EUE5-5     | E5-5         | rc1        | 1     |
| C8       | 22n                      | C-EU050-025X075 | C050-025X075 | rc1        | 1     |
| C9       | 100n                     | C-EU050-025X075 | C050-025X075 | rc1        | 1     |
| C10      | 47n                      | C-EU050-025X075 | C050-025X075 | rc1        | 1     |
| C11      | 1u/50V                   | CPOL-EUE2.5-5   | E2,5-5       | rc1        | 1     |
| C12      | 47u                      | CPOL-EUE2.5-5   | E2,5-5       | rc1        | 1     |
| C13      | 100u/25V                 | CPOL-EUE5-5     | E5-5         | rc1        | 1     |
| C14      | 10n                      | C-EU050-025X075 | C050-025X075 | rc1        | 1     |
| D1       | 1N4148                   | DIODE-D-5       | D-5          | diode      | 1     |
| D2       | 1N4148                   | DIODE-D-5       | D-5          | diode      | 1     |
| D3       | 1N4148                   | DIODE-D-5       | D-5          | diode      | 1     |
| IC1      | LM1458NOR ANY DUAL OPAMP |                 | DIL08        | linear     | 1     |
| R1/8WATT |                          |                 |              |            |       |
| R1       | 1k                       | R-EU_0204/5     | 0204/5       | rc1        | 1     |
| R2       | 470k                     | R-EU_0204/7     | 0204/7       | rc1        | 1     |
| R3       | 10k                      | R-EU_0204/5     | 0204/5       | rc1        | 1     |
| R4       | 100k                     | R-EU_0204/5     | 0204/5       | rc1        | 1     |
| R5       | 470k                     | R-EU_0204/5     | 0204/5       | rc1        | 1     |
| R6       | 10k                      | R-EU_0204/5     | 0204/5       | rc1        | 1     |
| R7       | 22                       | R-EU_0204/5     | 0204/5       | rc1        | 1     |
| R8       | 100k                     | R-EU_0204/5     | 0204/5       | rc1        | 1     |
| R9       | 47k                      | R-EU_0204/5     | 0204/5       | rc1        | 1     |
| R10      | 100k                     | R-EU_0204/5     | 0204/5       | rc1        | 1     |
| R11      | 4k7                      | R-EU_0204/5     | 0204/5       | rc1        | 1     |
| R12      | 1k                       | R-EU_0204/5     | 0204/5       | rc1        | 1     |
| R13      | 2k2                      | R-EU_0204/5     | 0204/5       | rc1        | 1     |
| R14      | 6k8                      | R-EU_0204/5     | 0204/5       | rc1        | 1     |
| R15      | 2k2                      | R-EU_0204/5     | 0204/5       | rc1        | 1     |
| R16      | 6k8                      | R-EU_0204/5     | 0204/5       | rc1        | 1     |
| R17      | 1m                       | R-EU_0204/5     | 0204/5       | rc1        | 1     |
| R18      | 10k                      | R-EU_0204/5     | 0204/5       | rc1        | 1     |
| R19      | 1k                       | R-EU_0204/5     | 0204/5       | rc1        | 1     |
| R20      | 100k                     | R-EU_0204/5     | 0204/5       | rc1        | 1     |
| R21      | 10k                      | R-EU_0204/5     | 0204/5       | rc1        | 1     |
| R22      | 10k                      | R-EU_0204/5     | 0204/5       | rc1        | 1     |
| R23      | 10k                      | R-EU_0204/5     | 0204/5       | rc1        | 1     |
| T1       | 2SC1815                  | 2SC1815         | TO92-ECB     | transistor | 1     |
| T2       | 2SC1815                  | 2SC1815         | TO92-ECB     | transistor | 1     |
| T3       | 2SC1815                  | 2SC1815         | TO92-ECB     | transistor | 1     |
| TONE     | 20kB                     |                 |              |            |       |
| VOL      | 100kB                    |                 |              |            |       |
| DIST     | 100kB                    |                 |              |            |       |