

## MC-RC-ECB-SND-AY3-VB-BOM

| Reference      | Value               | Qty | DNP | Beschreibung   |
|----------------|---------------------|-----|-----|--|
| C5,C6,C7,C8,C9 | 100n                | 5   |     | Unpolarized capacitor, small symbol  |
| C11            | 47μ                 | 1   |     | Polarized capacitor, small symbol  |
| C12,C13        | 470p                | 2   |     | Unpolarized capacitor, small symbol  |
| C14,C15        | 100μ                | 2   |     | Polarized capacitor, small symbol  |
| D1,D2,D3,D4    | LED                 | 4   |     | Light emitting diode   |
| J1             | ECB-RC-64           | 1   |     | DIN41612 connector, double row (AC), 02x32, script generated<br>(kicad-library-utils/schlib/autogen/connector/)  |
| J2             | DIV                 | 1   |     | Generic connector, double row, 02x03, odd/even pin numbering scheme (row 1 odd numbers, row 2 even numbers), script generated<br>(kicad-library-utils/schlib/autogen/connector/) |
| J3             | Conn_01x04          | 1   |     | Generic connector, single row, 01x04, script generated<br>(kicad-library-utils/schlib/autogen/connector/)  |
| J4             | Conn_02x10_Odd_Even | 1   |     | Generic connector, double row, 02x10, odd/even pin numbering scheme (row 1 odd numbers, row 2 even numbers), script generated<br>(kicad-library-utils/schlib/autogen/connector/) |
| J5             | OUT1                | 1   |     | Generic connector, single row, 01x02, script generated<br>(kicad-library-utils/schlib/autogen/connector/)  |
| J6             | OUT2                | 1   |     | Generic connector, single row, 01x02, script generated<br>(kicad-library-utils/schlib/autogen/connector/)  |
| J7             | AudioJack3_Ground   | 1   |     | Audio Jack, 3 Poles (Stereo / TRS), Grounded Sleeve  |
| JP1            | SEL                 | 1   |     | Jumper, 2-pole, closed/bridged   |
| R1,R2,R3       | 1k                  | 3   |     | Resistor, small symbol   |
| R4,R5,R6,R7    | 10k                 | 4   |     | Resistor, small symbol   |
| R10,R11        | 22k                 | 2   |     | Resistor, small symbol   |
| RN1            | R_Network04         | 1   |     | 4 resistor network, star topology, bussed resistors, small symbol  |
| U2             | ATF16V8B            | 1   |     | Programmable Logic Array, DIP-20/SOIC-20/PLCC-20   |
| U3             | ~                   | 1   |     |  |
| U5             | YM2149              | 1   |     | Software-Controlled Sound Generator, DIP-40  |
| U6             | 74LS74              | 1   |     | Dual D Flip-flop, Set & Reset  |
| X1             | CXO_DIP14           | 1   |     | Crystal Clock Oscillator, DIP14-style metal package  |