

KittBoardVoiceModuleUpdated

| Reference                        | Value                              | Footprint  | Qty | Description  |
|----------------------------------|------------------------------------|--|-----|--|
| C3                               | C_Polarized                        | Capacitor_THT:CP_Radial_D4.0mm_P1.50mm                         | 1   | Polarized capacitor                                    |
| D1                               | 1N5817                             | Diode_THT:D_DO-41_SOD81_P10.16mm_Horizontal                    | 1   | 20V 1A Schottky Barrier Rectifier Diode, DO-41         |
| IC1                              | Stereo Decoder - UDA1334A          | Kitt:AdafruitSound   | 1   | Stereo Decoder - UDA1334A                              |
| J1                               | Female Headers 01x05 2.54mm        | Connector_PinSocket_2.54mm:PinSocket_1x05_P2.54mm_Vertical     | 1   | Generic connector, single row, 01x05, script generated |
| J2                               | Conn_01x10_Pin                     | Connector_PinHeader_2.54mm:PinHeader_1x10_P2.54mm_Vertical     | 1   | Generic connector, single row, 01x10, script generated |
| J3                               | Conn_01x04_Pin                     | Connector_PinHeader_2.54mm:PinHeader_1x04_P2.54mm_Vertical     | 1   | Generic connector, single row, 01x04, script generated |
| J4                               | Audio Amplifier - PAM8302          | Connector_PinSocket_2.54mm:PinSocket_1x05_P2.54mm_Vertical     | 1   | Audio Amplifier - PAM8302                              |
| J5                               | Female Headers 01x10 2.54mm        | Connector_PinSocket_2.54mm:PinSocket_1x10_P2.54mm_Vertical     | 1   | Generic connector, single row, 01x10                   |
| J6                               | Barrel_Jack_Switch                 | Connector_BarrelJack:BarrelJack_Horizontal                     | 1   | DC Barrel Jack with an internal switch                 |
| P1                               | Power Switch                       | Connector_PinSocket_2.54mm:PinSocket_1x02_P2.54mm_Vertical     | 1   | Power Switch   |
| Q1,Q2,Q3,Q4,Q5,Q6,Q7,Q8,Q9,Q10   | BC557                              | Package_TO_SOT_THT:TO-92_Inline_Wide                           | 10  | 0.8A Ic, 45V Vce, NPN Transistor, TO-92                |
| R1                               | N6L25T3N1033030                    | Kitt:N6L25T3N1033030   | 1   |  |
| R2                               | R                                  | Resistor_THT:R_Axial_DIN0207_L6.3mm_D2.5mm_P10.16mm_Horizontal | 1   | Resistor   |
| R3,R4,R5,R6,R7,R8,R9,R10,R11,R12 | 1K Ohms                            | Resistor_THT:R_Axial_DIN0207_L6.3mm_D2.5mm_P10.16mm_Horizontal | 10  | Resistor   |
| U3                               | Pico                               | Kitt:RPi_Pico_SMD_TH   | 1   |  |
| U4                               | TSR_1-2450                         | Converter_DCDC:Converter_DCDC_TRACO_TSR-1_THT                  | 1   | 1A step-down regulator module, fixed 5V output voltage |
| U6                               | LM3915N                            | Kitt:LM3915N   | 1   |  |
| U7                               | Mini TF Card Reader Module Adapter | Connector_PinHeader_2.54mm:PinHeader_1x06_P2.54mm_Vertical     | 1   | Mini TF Card Reader Module Adapter                     |