

# 6ch-sound-fx-proc

| Reference(s)                                     | Value              | Footprint                    |
|--|--------------------|------------------------------|
| A1   | Arduino Nano (V3)  | Arduino Nano                 |
| C1,C2,C3,C4,C5,C6,C8,C18,C19,C20,C21,C22,C23,C27 | 10MFD / 16V        | THT (Electrolytic capacitor) |
| C7,C9  | 0.0022MFD          | SMD (0805)                   |
| C10,C11,C12,C13                                  | 0.01MFD            | SMD (0805)                   |
| C14,C15,C16,C17,C26                              | 0.1MFD             | SMD (0805)                   |
| C24  | 100MFD / 16V       | THT (Electrolytic capacitor) |
| C25  | 22MFD / 16V        | THT (Electrolytic capacitor) |
| J1,J2,J3,J4,J5,J6,J7,J8,J9,J10,J11,J12           | 2.54mm 2-pin       | 2.54mm, 2-pin male header    |
| J13  | 2.54mm 2-pin       | 2.54mm, 2-pin terminal block |
| Q1,Q2  | 2N7002             | SOT-23                       |
| R1,R2,R3,R4,R5,R6,R11,R12,R13,R14,R15,R16        | 100K               | SMD (0805)                   |
| R7,R8  | 3.3K               | THT (1% Metal film resistor) |
| R9,R10   | 6.2K               | THT (1% Metal film resistor) |
| R17,R18,R19,R20                                  | 10K                | SMD (0805)                   |
| R21  | 0R                 | SMD (0805)                   |
| SW1,SW2,SW3                                      | 6mm Tactile Switch |                              |
| U1   | PT2322             | SSOP-28                      |
| U2   | LM78M08            | TO-252-2                     |