

| Part | Value          | Device          | Package             | Description  |
|------|----------------|-----------------|---------------------|--|
| B1   | ARDUINO_UNO_R3 | ARDUINO_UNO_R3  | ARDUINO_R3          | Arduino R3 Footprint with SPI header                 |
| C1   | 100n           | C-EU025-024X044 | C025-024X044        | CAPACITOR, European symbol                           |
| C2   | 100n           | C-EU025-024X044 | C025-024X044        | CAPACITOR, European symbol                           |
| C3   | 22p            | C-EU025-024X044 | C025-024X044        | CAPACITOR, European symbol                           |
| C4   | 22p            | C-EU025-024X044 | C025-024X044        | CAPACITOR, European symbol                           |
| C5   | 100n           | C-EU025-024X044 | C025-024X044        | CAPACITOR, European symbol                           |
| C6   | 22n            | C-EU025-024X044 | C025-024X044        | CAPACITOR, European symbol                           |
| C7   | 22n            | C-EU025-024X044 | C025-024X044        | CAPACITOR, European symbol                           |
| C8   | 1u             | CPOL-EUE2.5-7   | E2,5-7              | POLARIZED CAPACITOR, European symbol                 |
| C9   | 10u            | CPOL-EUE2.5-5   | E2,5-5              | POLARIZED CAPACITOR, European symbol                 |
| C10  | 10u            | CPOL-EUE2.5-5   | E2,5-5              | POLARIZED CAPACITOR, European symbol                 |
| C11  | 100n           | C-EU025-024X044 | C025-024X044        | CAPACITOR, European symbol                           |
| C12  | 220u           | CPOL-EUE2.5-7   | E2,5-7              | POLARIZED CAPACITOR, European symbol                 |
| C13  | 100n           | C-EU025-024X044 | C025-024X044        | CAPACITOR, European symbol                           |
| C14  | 100u           | CPOL-EUE2.5-7   | E2,5-7              | POLARIZED CAPACITOR, European symbol                 |
| IC1  | 25LC256        | 25LC080P        | DIL8                | Serial EEPROM 4K/ 8K , SPI bus                       |
| IC2  | LM386N         | LM386N-1        | DIL08               | Low Voltage Audio Power Amplifier                    |
| IC3  | 74HCT595N      | 74HCT595N       | DIL16               | 8-bit SHIFT REGISTER, output latch                   |
| IC4  | SP0256-AL2     | SP0256-AL2      | DIL28-6-OCT_PADS    | General Instrument SP0256-AL2 Speech Synthesizer IC  |
| J1   |                | CONN_025MM      | SCREWTERMINAL-5MM-2 | Multi connection point. Often used as Generic Header |
| Q1   | 3.12MHz        | CRYSTALHC49S    | HC49/S              | CRYSTAL  |
| R1   | 33K            | R-EU_0309/10    | 0309/10             | RESISTOR, European symbol                            |
| R2   | 33K            | R-EU_0309/10    | 0309/10             | RESISTOR, European symbol                            |
| R3   | 10K            | R-TRIMM3296W    | RTRIM3296W          | Trimm resistor                                       |
| R4   | 10R            | R-EU_0309/10    | 0309/10             | RESISTOR, European symbol                            |