MP3 Kit – Build 1 unit

BOM for MP3

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| Part | Value | Description | Component |
| C1 | 18pF | 0603 Capacitor | In WiFi CPU Kit |
| C2 | 18pF | 0603 Capacitor | In WiFi CPU Kit |
| C3 | 0.1uF | 0603 Capacitor | In WiFi CPU Kit |
| C4 | 0.01uF 50V | 0603 Capacitor |  |
| C5 | 0.01uF 50V | 0603 Capacitor |  |
| C6 | 0.047uF 50V | 0603 Capacitor |  |
| C7 | 0.1uF | 0603 Capacitor | In WiFi CPU Kit |
| C8 | 0.1uF | 0603 Capacitor | In WiFi CPU Kit |
| C9 | 0.1uF | 0603 Capacitor | In WiFi CPU Kit |
| C10 | 10uF | Capacitor size B |  |
| C11 | 0.1uF | 0603 Capacitor | In WiFi CPU Kit |
| C13 | 0.1uF | 0603 Capacitor | In WiFi CPU Kit |
| C14 | 10uF | Capacitor size B |  |
| JP1 | 1X8 | Single row header |  |
| JP2 | 1X8 | Single row header |  |
| R1 | 100k | 0603 Resistor |  |
| R2 | 1M | 0603 Resistor |  |
| R3 | 100k | 0603 Resistor |  |
| R4 | 100k | 0603 Resistor |  |
| R5 | 100k | 0603 Resistor |  |
| R6 | 100k | 0603 Resistor |  |
| R7 | 20 | 0603 Resistor |  |
| R8 | 20 | 0603 Resistor |  |
| R9 | 10 | 0603 Resistor |  |
| U$7 | VS1011 | MP3 decoder |  |
| X1 | 12.288 MHz | Crystal 5mm x 3mm |  |