Audiolux One Technical specifications

Features:

* Two MSGEQ7 Chips
* ATMEGA328P
* USB Programming
* On-board Audio Jacks
* Voltage Regulator
* RJ10 Jack for led strip
* On board WS2812b
* Dipswitch for led count
* On-board Audio jacks 1/4 “

MSGEQ7 #1 (TIP)

* Audio out connected to A0 (PC0)
* Strobe Digital pin 12 (PB4)
* Reset Digital pin 13 (PB5)
* Connected to TIP on audio jack

MSGEQ7 #2 (RING)

* Audio out connected to A1 (PC1)
* Strobe Digital pin 12 (PB4)
* Reset Digital pin 13 (PB5)
* Connected to RING on audio jack

Dipswitch

* Active HGH

|  |  |
| --- | --- |
| BUTTON # | PIN CONECTED |
| 1 | 2 (PD2) |
| 2 | 3 (PD3) |
| 3 | 4 (PD4) |
| 4 | 7 (PD7) pins not consecutive |
| 5 | 8 (PB0) |
| 6 | 9 (PB1) |
| 7 | 10 (PB2) |
| 8 | 11 (PB3) |
| 9 | A4 (PC4) analog pin used |

Footswitch – Active HIGH connected to pin 5 (PD5)

WS2812B – Connected to pin 6 (PD6) (one onboard led is connected in line which means the onboard led will be the first led in your strand.