Soldering Order

1. Bottom Layer
   1. FT232RL
   2. MSGEQ7 2pc
   3. 5v Reg
   4. 220 ohm Resistors 5pc (solder them consecutively to insure even spacing)
   5. 0.1 uF Capacitors 5pc
   6. 200k Ohm Resistors 2pc
   7. 33pF Capacitors 2pc
   8. 1nF Capacitors 2pc (make sure solder joints are smooth)
   9. WS2812B (it’s the box component in the middle, make sure the component is rotated correctly to ensure that the tap on the component aligns with the tab on the board)
   10. 9 Contact dipswitch
2. Top Layer
   1. ATMEGA328P
   2. WS2812B (it’s the box component in the middle, make sure the component is rotated correctly to ensure that the tap on the component aligns with the tab on the board.
   3. 220 ohm Resistors 5pc (solder them consecutively to insure even spacing)
   4. 1k Resistor
   5. Led (Orientation Matters! There is a green side on the LED if you don’t see it look on top and tilt the LED a bit, This green side goes to the line