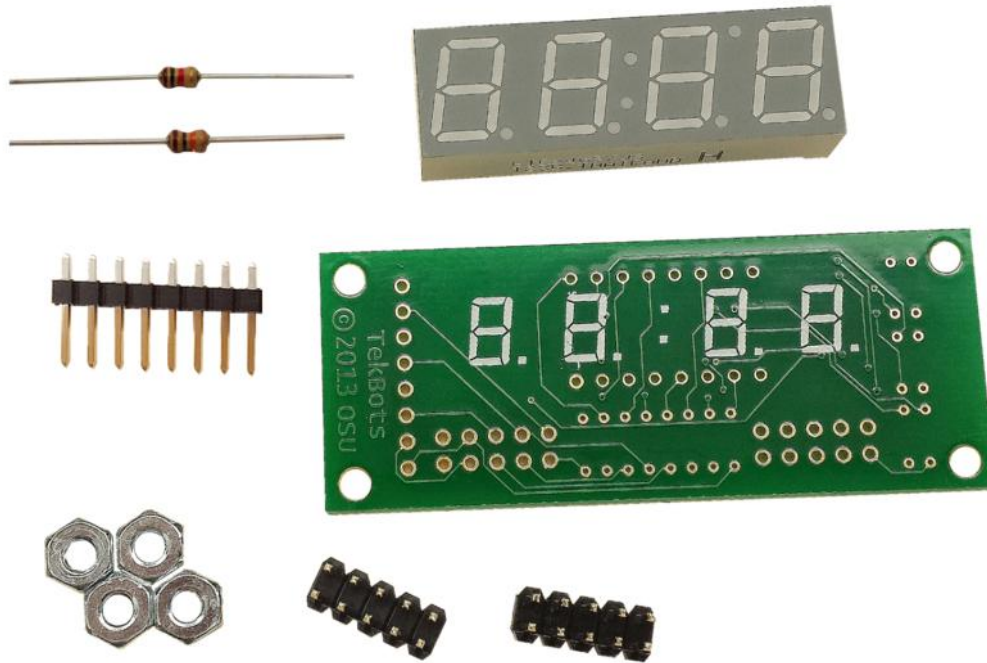


Assembly Guide for 4-Digit 7-Segment Display

The 7-segment display takes a digital input and lights up certain segments of the display based on which pins are pulled high.



For this board, make sure the 4-digit display is installed on the correct side of the PCB. Test fit the display before soldering. If the display is installed on the correct side, it will lay flat. The 4-digit display (as well as the rest of the components) should be installed on the opposite side from the surface mounted components.



Once the display is in place, install the two 5x2 male pin headers, and the 8x1 male pin header on the same side as the LED.



Finally, install the current limiting resistors for the LEDs. Install eight 1k ohm resistors in R1-R8 and six 10k ohm resistors in the remaining holes. These resistors will limit the current flowing through the LEDs in the display.

8x 1K Ohm Resistor – Brown, Black, Red, Gold



6x 10K Ohm Resistor – Brown, Black, Orange, Gold

