

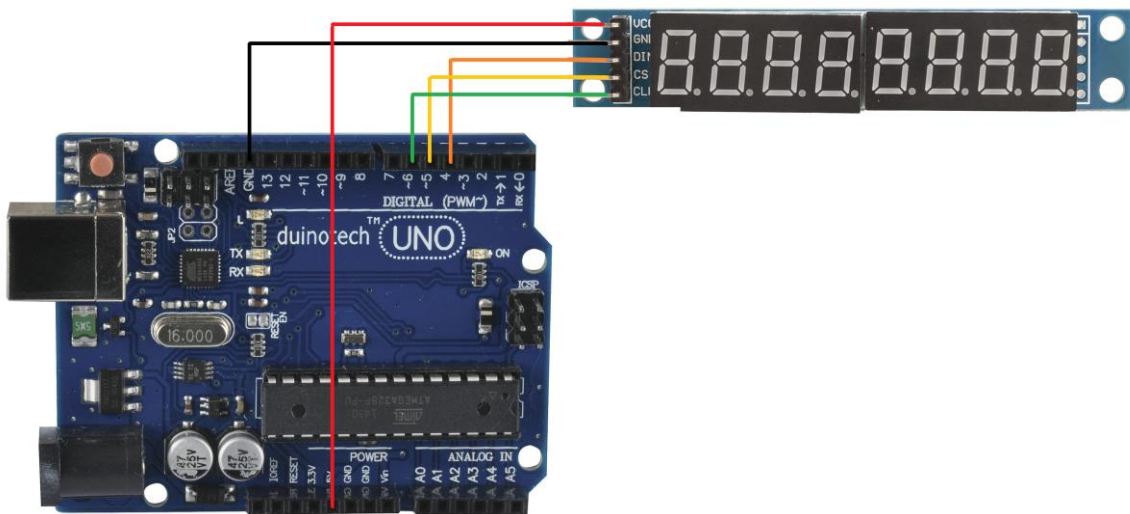
XC3714 8 Digit 7 Segment Display Module

The XC3714 8 Digit 7 Segment Display Module features a MAX7219 SPI to 8x8 LED Matrix decoder IC and two red 4 digit 7 Segment LED displays, allowing display of up to 8 characters via only three control lines.

The MAX7219 also includes a BCD decoder, allowing display of numerical data with worrying about maintaining font data.



There are some sample sketches (for Arduino) available from the Software download link. These have the connections shown in the #defines at the start of the sketch, and can be changed. As per usual, VCC should go to 5V and GND should go to GND.



For more details on the features, including how daisy-chaining works, of the MAX7219 IC, see the Datasheet download link.

To wire subsequent displays via daisy-chain, make the connections as shown below:

