**Apr 4, 2014 - Using a 74HC595 8 Bit Shift Register with a 7 segment LED and Arduino**

[Using a 74HC595 8Bit Shift Register with a 7 segment LED and Arduino](http://youtu.be/UqQTS4D-T9c)

A Better Example of using a 8 bit shift register (74HC595) with 7 segment LED - I got it working

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int dataPin = 2;

int latchPin = 4;

int clockPin = 3;

byte dec\_digits[] = {0b10000110,0b01101101,0b1001111,0b01010110,0b011011011,0b1110011,0b00001110,0b11111111,0b01011110,0b0111111 };

void setup() {

//set pins to output so you can control the shift register

pinMode(latchPin, OUTPUT);

pinMode(clockPin, OUTPUT);

pinMode(dataPin, OUTPUT);

}

void loop() {

for (int numberToDisplay = 0; numberToDisplay < 10; numberToDisplay++) {

// take the latchPin low so

// the LEDs don't change while you're sending in bits:

digitalWrite(latchPin, LOW);

// shift out the bits:

shiftOut(dataPin, clockPin, MSBFIRST, dec\_digits[numberToDisplay]);

//take the latch pin high so the LEDs will light up:

digitalWrite(latchPin, HIGH);

// pause before next value:

delay(1000);

}

}