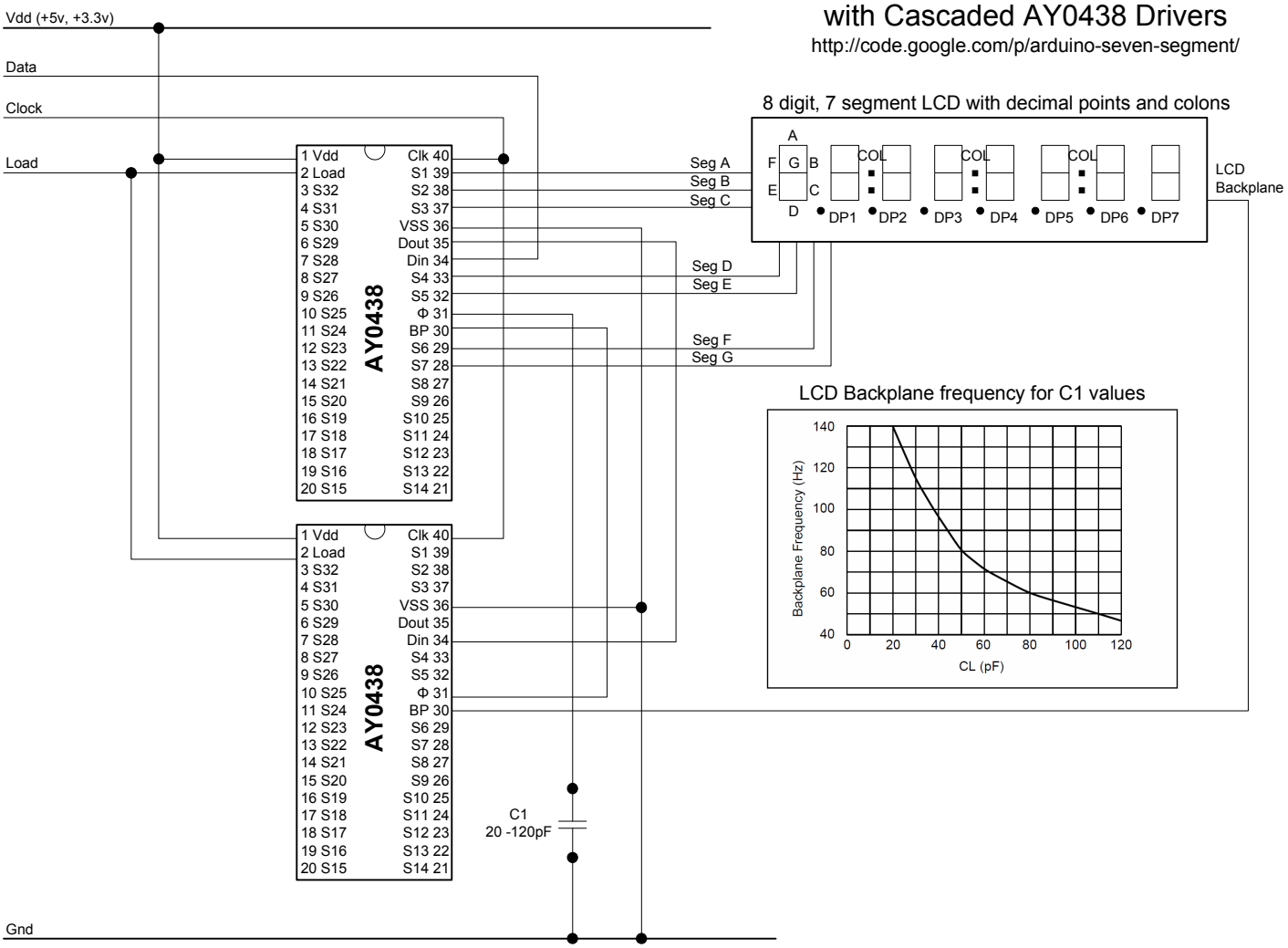
Wiring Diagram for Seven Segment Library with Cascaded AY0438 Drivers

http://code.google.com/p/arduino-seven-segment/



Driver to LCD Wiring

If you have an 8 digit display with decimal points and colons like the screen above, you will only be able to wire decimal points or colons and not both. There are not enough outputs to handle both.

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Seg 01 --> Digit 1, segment A          Seg 33 --> Digit 5, segment A
Seg 02 --> Digit 1, segment B          Seg 34 --> Digit 5, segment B
Seg 03 --> Digit 1, segment C          Seg 35 --> Digit 5, segment C
Seg 04 --> Digit 1, segment D          Seg 36 --> Digit 5, segment D
Seg 05 --> Digit 1, segment E          Seg 37 --> Digit 5, segment E
Seg 06 --> Digit 1, segment F          Seg 38 --> Digit 5, segment F
Seg 07 --> Digit 1, segment G          Seg 39 --> Digit 5, segment G
Seg 08 --> DP1                         Seg 40 --> DP5
Seg 09 --> Digit 2, segment A          Seg 41 --> Digit 6, segment A
Seg 10 --> Digit 2, segment B          Seg 42 --> Digit 6, segment B
Seg 11 --> Digit 2, segment C          Seg 43 --> Digit 6, segment C
Seg 12 --> Digit 2, segment D          Seg 44 --> Digit 6, segment D
Seg 13 --> Digit 2, segment E          Seg 45 --> Digit 6, segment E
Seg 14 --> Digit 2, segment F          Seg 46 --> Digit 6, segment F
Seg 15 --> Digit 2, segment G          Seg 47 --> Digit 6, segment G
Seg 16 --> DP2                         Seg 48 --> DP6
Seg 17 --> Digit 3, segment A          Seg 49 --> Digit 7, segment A
Seg 18 --> Digit 3, segment B          Seg 50 --> Digit 7, segment B
Seg 19 --> Digit 3, segment C          Seg 51 --> Digit 7, segment C
Seg 20 --> Digit 3, segment D          Seg 52 --> Digit 7, segment D
Seg 21 --> Digit 3, segment E          Seg 53 --> Digit 7, segment E
Seg 22 --> Digit 3, segment F          Seg 54 --> Digit 7, segment F
Seg 23 --> Digit 3, segment G          Seg 55 --> Digit 7, segment G
Seg 24 --> DP3                         Seg 56 --> DP7
Seg 25 --> Digit 4, segment A          Seg 57 --> Digit 8, segment A
Seg 26 --> Digit 4, segment B          Seg 58 --> Digit 8, segment B
Seg 27 --> Digit 4, segment C          Seg 59 --> Digit 8, segment C
Seg 28 --> Digit 4, segment D          Seg 60 --> Digit 8, segment D
Seg 29 --> Digit 4, segment E          Seg 61 --> Digit 8, segment E
Seg 30 --> Digit 4, segment F          Seg 62 --> Digit 8, segment F
Seg 31 --> Digit 4, segment G          Seg 63 --> Digit 8, segment G
Seg 32 --> DP4                         Seg 64
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