

Yellow 7-segment clock display - 0.56" digit height

PRODUCT ID: 811

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1

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 Also include 1 x [Adafruit 7-Segment LED Matrix Backpack](#) (0)

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[DESCRIPTION](#)[TECHNICAL DETAILS](#)

DESCRIPTION

Design a clock, timer or counter into your next project using our pretty 4-digit seven-segment display. These bright crisp displays are good for adding numeric output. Besides the four 7-segments, there are decimal points on each digit and an extra wire for colon-dots in the center (good for time-based projects).

These are 14mcd bright. You can drive these with less current to get the same brightness to save power, or crank them up to 20mA and have them at their brightest.

These displays are multiplexed, common-cathode. What that means is that you can use a [74HC595](#) or just 8 microcontroller pins if you can spare them to control the 8 anodes (7-seg + decimal) at about ~15mA each, and then connect [NPN transistors](#) or a [TPIC6B595](#) to the cathodes to sink the $8 \times 15\text{mA} = \sim 120\text{mA}$ maximum per digit.

We strongly recommend getting our backpack version, which comes with an LED driver on the back. This version is just the raw display, and requires a lot more work to get running!

These come in a bright yellow color, [we also have many other sizes and colors!](#)

TECHNICAL DETAILS

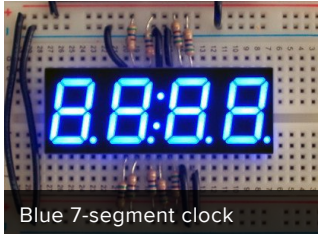
This is a Common Cathode LED display

Dimensions: 0.76" x 1.9" (19.3mm x 50.3mm) Weight: 8.3g

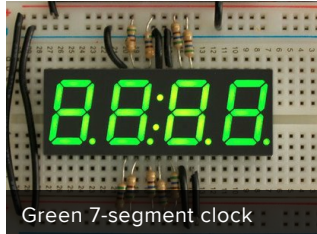
[Datasheet](#)



MAY WE ALSO SUGGEST...



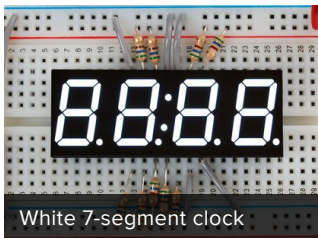
Blue 7-segment clock



Green 7-segment clock



Red 7-segment clock



White 7-segment clock



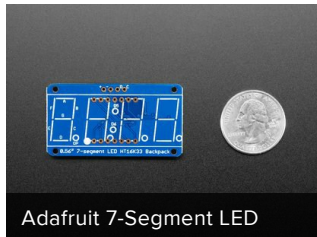
Adafruit 0.56" 4-Digit 7-



Adafruit 0.56" 4-Digit 7-



RGB 7-Segment Digit - 1"



Adafruit 7-Segment LED



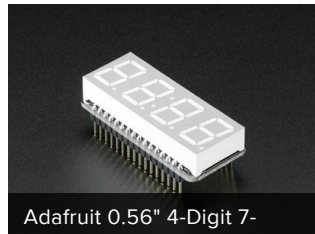
Adafruit 0.56" 4-Digit 7-



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"You can't see it if you don't look at it" - Dan McKenna



4.9 ★★★★★
Google
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