adafruit

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Blue 7-segment clock display - 0.56" digit height

PRODUCT ID: 812

IN STOCK

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☐ **Also include 1 x Adafruit 7-Segment LED Matrix Backpack ()**

1-9
10-99
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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 15mcd 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 it 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*15mA = ~120mA 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 blue color, we also have many other sizes and colors!

TECHNICAL DETAILS

- This is a Common Cathode LED display
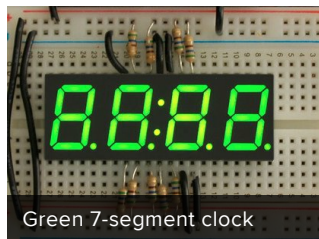- Dimensions: 0.76" x 1.9" (19.3mm x 50.3mm)
- Weight: 8.3g
- Datasheet

LEARN

Collin's Lab: Binary & Hex
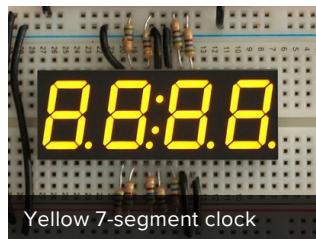Explore strange new ways to
count in code.

MAY WE ALSO SUGGEST...
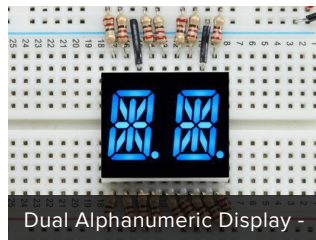
Green 7-segment clock

Red 7-segment clock

Yellow 7-segment clock

Adafruit 0.56" 4-Digit 7-

Adafruit 0.56" 4-Digit 7-
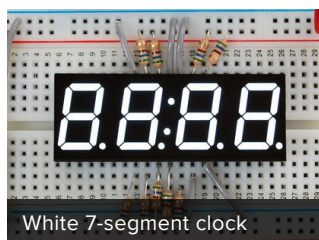
Dual Alphanumeric Display -
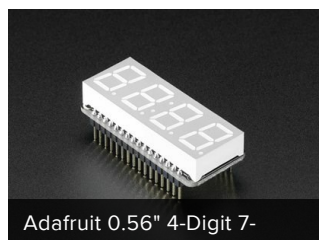
Adafruit 0.56" 4-Digit 7-

Adafruit 0.56" 4-Digit 7-

Adafruit 0.56" 4-Digit 7-

White 7-segment clock

Adafruit 0.56" 4-Digit 7-

Adafruit 0.56" 4-Digit 7-

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and to brighten it anywhere is to brighten it everywhere" - Isaac Asimov

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