

# App Overviews



## Apple's Health App

- Track health data (heartrate, steps, sleep cycles, etc.)
- Store health information (useful for paramedics if you have an emergency)

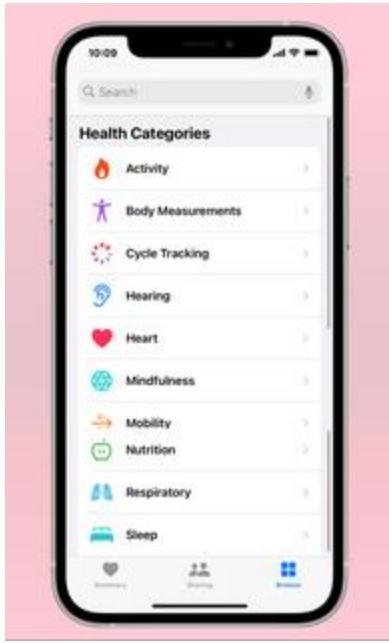


**MOUSER**  
**ELECTRONICS.**

## Mouser.com

- Search for various electrical products/parts
- Buy and ship products in bulk for cheap

# Strengths and Weaknesses



## Apple's Health App

- Strength: View health trends/statistics over various periods
- Weakness: Buttons aren't well labeled; Data is sometimes hard to input

4302H1-12V

**VCC**

**Mouser #:** 606-4302H1-12V

**Mfr. #:** 4302H1-12V

**Mfr.:** VCC

**Customer #:** Customer #

**Description:** Single Color LEDs RED DIFFUSE

**Datasheet:** [4302H1-12V Datasheet \(PDF\)](#)

Images are for reference only  
See Product Specifications

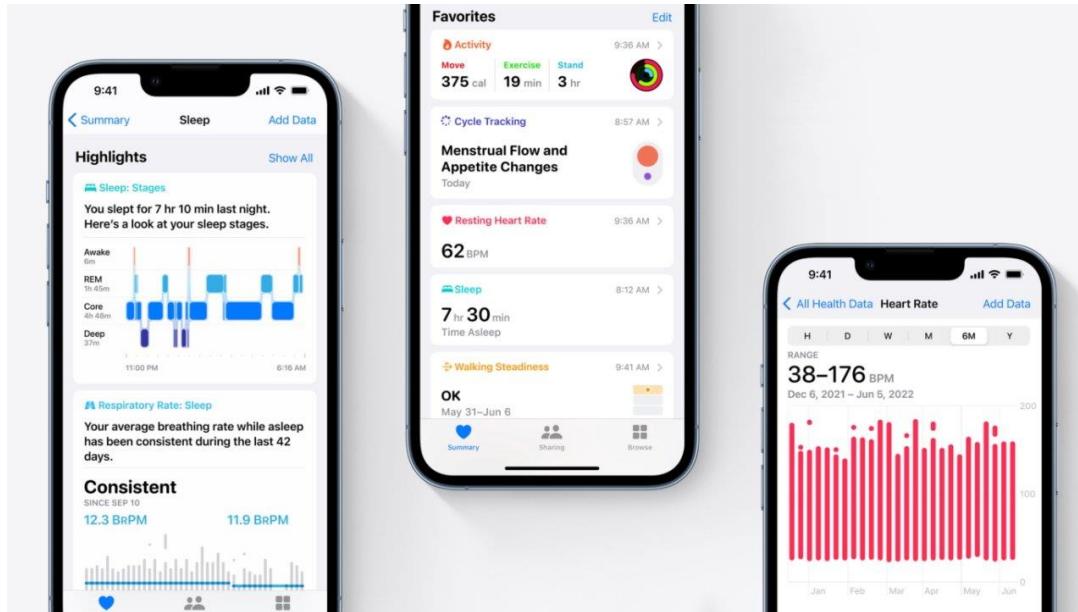
Share

Product Attribute	Attribute Value	Select Attribute
Manufacturer:	VCC	<input type="checkbox"/>
Product Category:	Single Color LEDs	<input type="checkbox"/>
RoHS:	Details	<input type="checkbox"/>
Product:	Red LEDs	<input type="checkbox"/>
Mounting Style:	Through Hole	<input type="checkbox"/>
Package / Case:	T-1 3/4 (5 mm)	<input type="checkbox"/>
Wavelength/Color	635 nm	<input type="checkbox"/>
Temperature:		<input type="checkbox"/>
Illumination Color:	Red	<input type="checkbox"/>
If - Forward Current:	13 mA	<input type="checkbox"/>
Vf - Forward Voltage:	12 V	<input type="checkbox"/>
Lens Color:	Red	<input type="checkbox"/>
Lens Dimensions:	5 mm	<input type="checkbox"/>
Lens Shape:	Dome	<input type="checkbox"/>
Lens Transparency:	Diffused	<input type="checkbox"/>
Packaging:	Bulk	<input type="checkbox"/>
Brand:	VCC	<input type="checkbox"/>
Height:	8.81 mm	<input type="checkbox"/>
LED Size:	T-1 3/4 (5 mm)	<input type="checkbox"/>
Length:	5 mm	<input type="checkbox"/>
Luminous Intensity:	8 mcd	<input type="checkbox"/>
Product Type:	Single Color LEDs	<input type="checkbox"/>
Factory Pack Quantity:	1000	<input type="checkbox"/>
Subcategory:	LEDs	<input type="checkbox"/>
Type:	Single Color LEDs	<input type="checkbox"/>
Viewing Angle:	60 deg	<input type="checkbox"/>
Width:	5 mm	<input type="checkbox"/>
Unit Weight:	0.007055 oz	<input type="checkbox"/>

## Mouser.com

- Strength: Provides lots of product data/info and often a datasheet
- Weakness: With ~10M products, sometimes hard to find the exact part you need

# UI/UX Highlight



Apple's Health App

- Design is sleek, modern, and reactive

The image shows a screenshot of the Mouser.com website. At the top, there is a search bar with dropdown menus for 'All', 'Part # / Keyword', and checkboxes for 'In Stock' and 'RoHS'. Below the search bar is a navigation menu with 'Products', 'Manufacturers', and 'Services'. A sidebar titled 'Filter your search' contains a large list of product categories such as 'Newest Products', 'Circuit Protection', 'Connectors', 'Electromechanical', etc., each with a right-pointing arrow. The main content area features a section titled 'NEWEST PRODUCTS' with four product cards: 'BOSCH BH1385 Smart Programmable AI Sensor', 'seeed studio XIAO MG24 Sense Development Board', 'VISHAY VJ Series Ceramic Chip Capacitors', and 'RENESAS RA2E1 Fast Prototyping Evaluation Board'. On the far right, there is a vertical sidebar with 'Account &amp; Orders' and 'Tariff Updates'.

Mouser.com

- Design is more simplistic and data-oriented