

# Octarine

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- ▶ Look up millions of parts in Octopart database.
- ▶ Organize the parts you use by project or any other criteria you want.
- ▶ Have data sheets for all your parts at your fingertips.



# Part Search

The screenshot shows the Octarine website interface. At the top, there are navigation tabs for 'Find Components' and 'Datasheet'. A search bar contains the text 'attiny84'. Below the search bar, a list of components is displayed with columns for 'Part No', 'Manufacturer', and 'Description'. The first component listed is 'ATTINY84-20PU' by 'Atmel'. To the left of the component list, there is a sidebar with a tree view showing categories like 'Microcontrollers' and 'Muggeseggluino'. Below the sidebar, a table shows the 'Specifications of selected part' for the 'ATTINY84-20PU'. The table has two columns: 'Specification' and 'Value'. The specifications listed are: Clock Speed (20.0 MHz), Supply Voltage (5.00 V, 5.50 V (max)), RAM Memory Size (512 B), Access Time (20.0 µs), FLASH Memory (8192 B), Number of Bits (8), Core Architecture (AVR), Lead-Free Status (Lead Free), and REACH SVHC Co... (No SVHC). At the bottom left, there is a logo for 'Powered by Oct#part'. Several yellow callout boxes with arrows point to specific elements: one points to the search bar with the text 'Type search terms and hit <return>', another points to the 'ATTINY84-20PU' component in the list with the text 'Double click to go to manufacturer's web site', a third points to the 'Specifications of selected part' table with the text 'Specifications of selected part', a fourth points to the 'ATTINY84-20PU' component in the list with the text 'Double click to go to Octopart product page', and a fifth points to the 'ATTINY84-20PU' component in the list with the text 'Double click to view data sheet'.

Octarine

Find Components Datasheet

Search attiny84

Type search terms and hit <return>

Drag parts to organizer

Specifications of selected part

Double click to go to manufacturer's web site

Double click to go to Octopart product page

Double click to view data sheet

Name	Description
▼ Microcontrollers	
ATTINY10-TSHR	IC MICRO CON...
ATMEGA328-PU	ATmega Series...
▼ Muggeseggluino	
ATTINY10-TSHR	IC MICRO CON...

Part No	Manufacturer	Description
ATTINY84-20PU	Atmel	ATtiny Series 20 M...
ATTINY84A-MMH	Atmel	MCU 8-bit ATtiny A...
ATTINY84A-SSU	Atmel	Atmel 8-bit 8 KB-...
ATTINY84A-MUR	Atmel	ATtiny Series 20 MHz 8 KB Flash 512 B SRAM S...
ATTINY84V-10PU	Atmel	MCU 8-bit
ATTINY84V-10S...	Atmel	MCU 8-bit
ATTINY84V-10...	Atmel	ATtiny S...
ATTINY84V-10S...	Atmel	MCU 8-bit ATtiny AVR RISC 8KB Flash 2.5V/3.3...
ATTINY84-20MU	Atmel	ATtiny Series 20 MHz 8 KB Flash 512 B SRAM 8...
ATTINY841-MMH	Atmel	AVR, 8K FLASH, EE, SRAM, ENHANCED A - 16...
ATTINY841-SSUR	Atmel	MCU 8-bit ATtiny AVR RISC 8KB Flash 1.8V/2.5...
ATTINY84A-MU	Atmel	MCU 8-bit ATtiny AVR RISC 8KB Flash 512 B RAM 8-...
ATTINY84-20SSU	Atmel	ATtiny Series 20 MHz 8 KB Flash 512 B SRAM 8...
ATTINY84-15M...	Atmel	MCU 8-bit ATtiny AVR RISC 8KB Flash 3.3V/5V...
ATTINY841-SSU	Atmel	MCU 8-bit ATtiny AVR RISC 8KB Flash 1.8V/2.5...
ATTINY84A-PU	Atmel	MCU 8-bit ATtiny AVR RISC 8KB Flash 2.5V/3.3...
ATTINY841-MU	Atmel	AVR, 8K FLASH, EE, SRAM, ENHANCED A - 16...
ATTINY84-20M...	Atmel	MCU 8-bit ATtiny AVR RISC 8KB Flash 2.5V/3.3...
ATTINY84A-MMH	Atmel	ATtiny Series 20 MHz 8 KB Flash 512 B SRAM 8...
ATTINY84A-SSU	Atmel	MCU 8-bit ATtiny AVR RISC 8KB Flash 2.5V/3.3...
ATTINY84A-MUR	Atmel	MCU 8-bit ATtiny AVR RISC 8KB Flash 2.5V/3.3...
ATTINY84V-10PU	Atmel	MCU 8-bit ATtiny AVR RISC 8KB Flash 2.5V/3.3...
ATTINY84V-10S...	Atmel	MCU 8-bit ATtiny AVR RISC 8KB Flash 2.5V/3.3...
ATTINY84V-10...	Atmel	MCU 8-bit ATtiny AVR RISC 8KB Flash 2.5V/3.3...
ATTINY84V-10S...	Atmel	MCU 8-bit ATtiny AVR RISC 8KB Flash 2.5V/3.3...
ATTINY84-20MU	Atmel	MCU 8-bit ATtiny AVR RISC 8KB Flash 2.5V/3.3...
ATTINY841-MMH	Atmel	MCU 8-bit ATtiny AVR RISC 8KB Flash 2.5V/3.3...
ATTINY841-SSUR	Atmel	MCU 8-bit ATtiny AVR RISC 8KB Flash 2.5V/3.3...
ATTINY84A-MU	Atmel	MCU 8-bit ATtiny AVR RISC 8KB Flash 2.5V/3.3...
ATTINY84-20SSU	Atmel	MCU 8-bit ATtiny AVR RISC 8KB Flash 2.5V/3.3...
ATTINY84-15M...	Atmel	MCU 8-bit ATtiny AVR RISC 8KB Flash 2.5V/3.3...
ATTINY841-SSU	Atmel	MCU 8-bit ATtiny AVR RISC 8KB Flash 2.5V/3.3...
ATTINY84A-PU	Atmel	MCU 8-bit ATtiny AVR RISC 8KB Flash 2.5V/3.3...
ATTINY841-MU	Atmel	MCU 8-bit ATtiny AVR RISC 8KB Flash 2.5V/3.3...
ATTINY84-20M...	Atmel	MCU 8-bit ATtiny AVR RISC 8KB Flash 2.5V/3.3...
ATTINY84A-MMH	Atmel	MCU 8-bit ATtiny AVR RISC 8KB Flash 2.5V/3.3...
ATTINY84A-SSU	Atmel	MCU 8-bit ATtiny AVR RISC 8KB Flash 2.5V/3.3...
ATTINY84A-MUR	Atmel	MCU 8-bit ATtiny AVR RISC 8KB Flash 2.5V/3.3...
ATTINY84V-10PU	Atmel	MCU 8-bit ATtiny AVR RISC 8KB Flash 2.5V/3.3...
ATTINY84V-10S...	Atmel	MCU 8-bit ATtiny AVR RISC 8KB Flash 2.5V/3.3...
ATTINY84V-10...	Atmel	MCU 8-bit ATtiny AVR RISC 8KB Flash 2.5V/3.3...
ATTINY84V-10S...	Atmel	MCU 8-bit ATtiny AVR RISC 8KB Flash 2.5V/3.3...
ATTINY84-20MU	Atmel	MCU 8-bit ATtiny AVR RISC 8KB Flash 2.5V/3.3...
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ATTINY84A-SSU	Atmel	MCU 8-bit ATtiny AVR RISC 8KB Flash 2.5V/3.3...
ATTINY84A-MUR	Atmel	MCU 8-bit ATtiny AVR RISC 8KB Flash 2.5V/3.3...
ATTINY84V-10PU	Atmel	MCU 8-bit ATtiny AVR RISC 8KB Flash 2.5V/3.3...
ATTINY84V-10S...	Atmel	MCU 8-bit ATtiny AVR RISC 8KB Flash 2.5V/3.3...
ATTINY84V-10...	Atmel	MCU 8-bit ATtiny AVR RISC 8KB Flash 2.5V/3.3...
ATTINY84V-10S...	Atmel	MCU 8



# Organize Parts

**Create a new, empty group**

**Create group containing selected items**

**Double click to edit part information**

**Drag selection to new group. Option-drag to copy.**

**File** Edit Format View Window Help

- New
- Open... ⌘O
- Open Recent
- Close ⌘W
- Save... ⌘S
- Save As... ⌘⌘S
- Custom Part ⌘N
- Group ⌘⌘N
- Group from Selection

Microcontrollers

- ATTINY10-TS
- ATMEGA328P
- Muggeseggluino
- ATTINY10-TS

Atmel

Atmel 8-bit AVR Microcontroller with 512K Bytes In-System Programmable Flash

ATTiny4 / ATTiny5 / ATTiny9 / ATTiny10

Features

Specification	Value
Clock Speed	20.0 MHz
Supply Voltage (...)	5.00 V, 5.50 V (max)
RAM Memory Size	512 B
Access Time	20.0 μs
FLASH Memory...	8192 B
Number of Bits	8