Ultra Librarian™

The Single Source for all Your Electronic Component Needs

Features

- Check stock, pricing, and electronic specifications
- Download symbols, footprints, and 3D models for millions of parts
- Vendor neutral support for over 20 different CAD formats
- Comprehensive search and filtering options

Accelerate the Component Decision Making Process

Ultra Librarian® eliminates the tedious task of searching for components all over the web by creating a component database to help you find the right parts for every project. Search for parts by manufacturer, distributor, or part number. Browse through millions of parts and easily analyze inventory, pricing, and electronic specifications helping you to make the best part decisions for your board. Toggle back and forth between pricing to models, and quickly preview pre-built schematic symbols, PCB footprints, and 3D models to ensure accuracy. Download models in your choice of over 20 CAD formats and start designing quickly.

Find Part Pricing and Availability

It is important to make fast yet strategic component choices for your board. Since every PCB has different desired functionalities, you may spend a lot of time researching the best part for your most recent project. The Ultra Librarian database helps to fast-track your electronic component decisions by providing all the valuable information needed to make informed part choices.
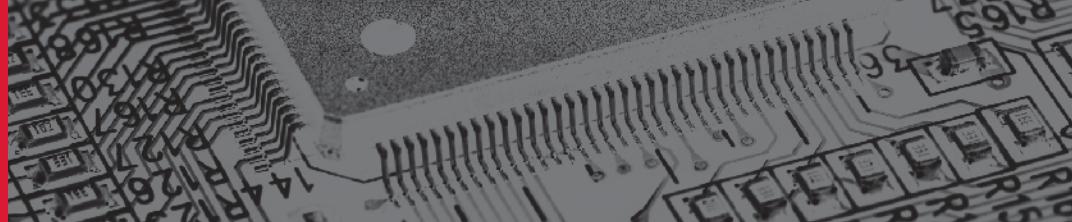
Start by searching for a part number, distributor, manufacturer, or desired function. Search results can be filtered by category, distributor, and manufacturer as well as by "in stock", lead free, and RoHS compliant to further narrow down your options. Clicking on a component will provide you with further details on the parts, technical specifications, and documents including datasheets and compliance statements. With everything there is to consider in the design and implementation of a PCB, utilizing the Ultra Librarian database will speed up the process by providing you with all the necessary information needed to make the right part decisions the first time around.

Download Pre-built Models

When placing parts in to your designs you will want the data to be as accurate as possible. "Close enough" isn't going to create an electrically correct and manufacturable board. Building parts for your design can be an unnecessary waste of time. With access to millions of verified, pre-built parts, you may never have to build another part again.

We have partnered with several major IC manufacturers including Texas Instruments, Analog Devices, and Microchip to bring you the largest and most robust source for pre-built libraries. Our library provides the unifying elements needed to represent the component with multiple views for logical (schematic symbols), physical (PCB footprint), and three-dimensional (3D STEP model). Browse through millions of pre-built models, preview symbols, footprints, and 3D models to ensure accuracy, and download in your choice of over 20 different CAD vendor formats including Altium and OrCAD. Users of Ultra Librarian's pre-built parts have reported saving hours or even a day of time, depending on the size and complexity of the part.

Built to Industry Standards

Standards are an increasingly important aspect to obtaining pre-built parts for your PCB design process. If parts are not built to industry standards they may not be very useful to you. We have developed a rigorous building and testing process to ensure that all the parts found in our database are accurate and built to IPC and ANSI industry standards.

All symbols in the library have been built to ANSI Y32.2-1975 (reaffirmed 1989) standards to ensure reliability through your schematic. Footprints for PCB layout have been built to IPC-7351B standards where possible. 3D STEP models follow the ISO 10303-21 standard and are rendered from footprint data to match the footprints' size, rotation, and orientation. As a standards-based library, you know when you place apart from Ultra Librarian into your design, the part will fit and function properly.

Save Time – Search Online

With everything you need to consider when choosing components for your design, time is of the essence. Ultra Librarian provides access to the most robust library of pre-built PCB parts on the market today. Having access to information including parts inventory, pricing, datasheets, models and more will help you fast-track the component decision making process and get straight to designing. Save time, reduce errors, and ensure consistency across your PCB part libraries with parts from Ultra Librarian.

Create Custom Parts

Interested in authoring your own parts? Our desktop software solutions offer powerful part creation capabilities allowing you to author your own schematic symbols, PCB footprints, and 3D STEP models. Start with a template or from scratch and build parts to your company's specifications. Cross-probe between symbols and footprints to ensure accuracy, perform batch design rule checks, and export to over 20 different CAD formats.

About Ultra Librarian

Ultra Librarian is the worlds best PCB component source providing all the information necessary to make smart part decisions. Search through millions of parts based on manufacturer, distributor, part number or function. Easily access verified pre-built parts and download symbols, footprints, and 3D models in to your choice of over 20 CAD vendors. Users will increase overall productivity by reducing the burden of building and maintaining their own libraries, giving them more time for design.

Contact

For more information, please contact Ultra Librarian.

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Ultra Librarian Desktop Software Features	SILVER Ideal for most businesses	GOLD Ideal for large organizations working with multiple projects and/or CAD environments
Create symbols and footprints from pre-authored data	■	■
Export to multiple CAD/CAE tools	■	■
Cross-probe footprints and symbols	■	■
Create, modify, and edit footprints from datasheets	■	■
Batch Design Rule Check (DRC) Libraries	■	■
ASCII import and manipulation programs	■	■
Automated datasheet mining capabilities	■	■
Author redistributable vendor neutral CAD files		■
Company data storage		■
Newark data extraction capability		■
Template control center and editor		■