Build Better Products Faster

Access FREE symbols, footprints, and 3D models from the World Largest CAD Library

Quickly Find the Right Parts for Every Project

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, part number, or keyword. Quickly preview pre-built schematic symbols, PCB footprints, and 3D models to ensure accuracy. Download models in your choice of over 24 CAD formats and start designing quickly.

Request Custom Parts for Free

If the component you're looking for can't be found while browsing Ultra Librarian, we offer free component creation for all users. Simply click request on the component details, and select what you need for your project. Ultra Librarian sends an email with the finished component once it's been created and is uploaded to the library.

At Ultra Librarian, we know businesses sometimes require custom specs for part creation outside of the general norm. Parts can be created to specific company standards through Virtual Librarian Service. This tool offers a company dashboard complete with all the requested components, and several advanced options to make sure the part is completed to the correct standards and in time for the project.

Interactive Reference Designs

Reference designs are a powerful design resource created by to show components in action and help speed up the engineers design process. Typically reference designs can be downloaded in a single format or a PDF, meaning an engineer could be wasting valuable time recreating the reference design in their preferred CAD tool.

Ultra Librarian has partnered with manufacturers like Maxim Integrated, and STMicroelectronics to bring these valuable reference designs to multiple CAD formats.

These unique reference designs have been verified by the manufacturer and come with a full Bill of Materials to cut design time dramatically. Download top reference designs in formats like OrCAD, Altium, and Mentor.

Native CAD Integrations

While searching and downloading components on Ultra Librarian dramatically speeds up the design process, sometimes it's difficult to switch between the design and a component search engine. Through partnerships between Ultra Librarian and CAD Tools, UL integrations have been created to cut down the back and forth.

OrCAD®, eCADSTAR™, and Quadcept have direct integrations to their tools available for their users. The integrations offer search filters, the ability to search by part number or keyword, and a list of top and recent part downloads.

One of the newest integrations available in OrCAD is a free tool called UltraBOM for Digi-Key. This integration offers direct symbol placement, price comparison information, and part suggestions directly within OrCAD. Once the design is finished a BOM can be ordered directly from Digi-Key, bringing the design from concept to prototype at the click of a button.

Features

Download symbols, footprints, and 3D models for millions of parts

Over 24 CAD formats supported

Comprehensive search and browsing options including

Interactive reference designs available in multiple CAD formats

2 business day turn around time for part requests

Direct CAD tool integrations available

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