Ultra Librarian™

Increase design socket wins with a custom CAD neutral library

Benefits

- Accelerate customer design-in
- Reduce the burden on engineering to build and maintain a CAD library of your parts
- Easily support multiple design flows with a single CAD neutral library
- Draw a direct line from online component exploration to physical design implementation

Our Services

ECAD Library Creation

Provide us with a list of part numbers and datasheets and we will build you a pristine, CAD neutral library you can host on your website—helping you add additional value to your customers and create an edge over the competition.

CAD Library Maintenance

Let us keep your part libraries up-to-date. Our library maintenance services ensure your part libraries are always in synch with your current product list and matches the requirements of the latest CAD systems in the marketplace.

CAD Library Management

Want to easily find, view, and track your libraries? Our library management services ensure stakeholders always have access to the latest and most up-to-date data available and internal engineering resources always know when something has been updated.
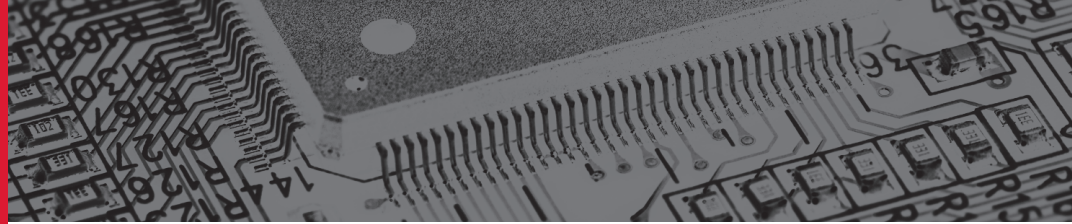
Standards Based Libraries

We work with your engineering teams to define a common set of ECAD library data standards across your entire product portfolio to ensure consistency and a common user experience. This provides one standard set of libraries across all your product families, instead of each product team creating their own libraries to their own individual standards using their own tools.

CADENCE

ZUKEN

YOUR WEBSITE

MENTOR

ALTIUM

Make your parts accessible to customers in their native CAD format.

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CAD Library Problem

In an increasingly competitive market, customers spend hours or even days creating CAD data every time they add a new component to a design. They spend valuable design time making symbols and footprints, providing purchasing data, and finding and aligning 3D models. This effort takes away from their design focus, yet they cannot design-in your part without this data. Often the task of providing these vital CAD models falls on an already overworked FAE or internal engineering team. Engineers not only have to create the models in the formats needed, they also have to make sure their models stay up to date

Unfortunately, not everybody uses the same PCB CAD tools, engineering gets pushed into other priorities, and libraries for your parts become out of date and only supported for a subset of your customer base. Customers get frustrated and may even start looking elsewhere for component and CAD data.

What is needed is an automated, maintainable CAD library solution that meets the needs of your customers without incurring significant internal investment in time and resources.

Build Once Target Everywhere

Ultra Librarian provides a unique CAD neutral library methodology which allows us to build a single set of libraries that can be targeted to your customer's tools of choice as they need them. This eliminates your need to maintain all of the CAD systems you are supporting and ensures customers will get the parts they need to match their PCB design system of choice.

Key Features

- Quickly create 1,000's of parts built to your specifications

- Unique CAD neutral technology allows "build once target everywhere" methodology

- Support for symbols, footprints, and 3D CAD models

Speed Design-In and Add Value for your Customers

With a standard set of CAD libraries available for your parts, your customers will be able to quickly start evaluating your part in their native design environment. Our services are designed to enable your organization to provide the data customers need to make informed component purchase decisions and help them speed their path to production.

About Ultra Librarian

Ultra Librarian is an EMA brand providing EDA libraries, customized tools for creating EDA libraries for multiple CAD tools, customized tools for managing and sharing libraries, and part creation to industry or custom specifications.

Schedule a Meeting

Learn how we can help you solve the ECAD model library problem once and for all and drive more design wins for your products.

Our IC CAD library services are sold and supported through EMA Design Automation. Please contact EMA for more information.

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