



PARTLIBRARIES.ORG

PartLibraries.org is a web portal for the collection and dissemination of component data for use in standards based reliability predictions and other reliability analyses. When used correctly, these part libraries can help to save time and improve the accuracy of your MIL-HDBK-217, Bellcore/Telcordia or NSWC Mechanical reliability predictions.

This resource is currently available **exclusively to users of ReliaSoft's Lambda Predict** software, which provides a specialized interface that makes it easy to find and import the information you need. All Lambda



Predict users receive free access to the integrated circuit (IC) component definitions published in **MIL-M-38510**, the electronic component failure rates published in **EPRD-97** (Electronic Parts Reliability Data) and the mechanical, electrical and electromechanical component failure rates published in **NPRD-95** (Nonelectronic Parts Reliability Data). In addition, if you want access to **more than 300,000 commercial electronic components** with reliability prediction parameters predefined based on the published manufacturer spec sheets, you can purchase a yearly subscription that offers unlimited access to the full parts data library. The library currently contains component data from **more than 140 manufacturers** and the information will continue to be updated in response to user requests and as new data become available. Available component types include:

Cables and Wires

Capacitors

Circuit Protection

- Circuit Breakers and Fuses

Discrete Semiconductors

- Diodes, Transistors and Thyristors

Frequency Control

- Crystals and Oscillators

Integrated Circuits (ICs)

- Analog ICs, Digital ICs, Memory, Microprocessors

Magnetic

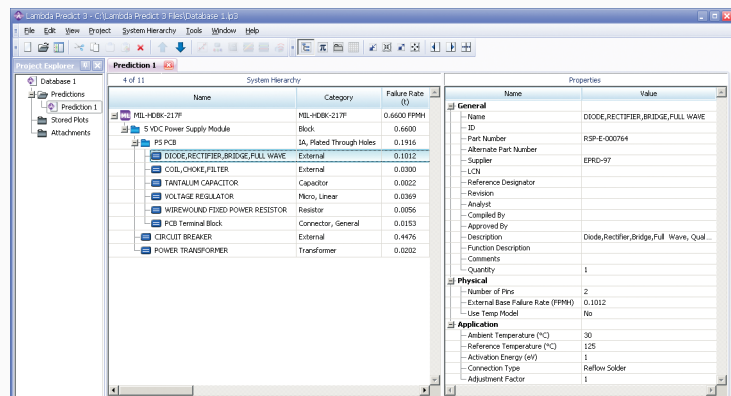
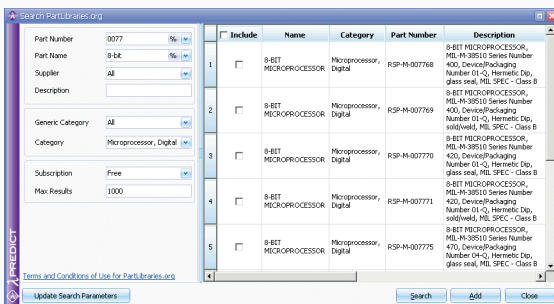
- Coils, Inductors and Transformers

Optoelectronics

Relays and Switches

Resistors and Thermistors

Search by category, part number, supplier, name and/or description



Easily import the failure rate or the reliability prediction parameters required by the standard

<http://www.PartLibraries.org>