

Pulsonix Database Connection



Corporate Database Access for Pulsonix

The Pulsonix Database Connection (PDC) is a database driven Part management system for the Pulsonix design environment. As a totally integrated centralised Part resource, it enables Pulsonix users instant access to their company's SAP, MRP II or database system.

Industry Standard ODBC Connection

PDC connects to manufacturing, engineering and corporate databases using any ODBC connection. It allows access to many databases and other storage formats such as MS Access, MS Excel, CSV, TXT, DBase, Fox, Sage, MySQL and SQLServer for example.

Configuration

A graphical interface provided is used to configure the system with easy mapping between the 'host' data fields and Pulsonix attribute fields. Configuration allows critical fields to be defined and checked. Critical fields are those which when checked, must be the same as the database and not 'local' values. A tool to migrate Pulsonix Part data to the database format is also supplied.

Parametric Searching

Within Pulsonix, up-to-date Parts can be identified from the central database using powerful SQL parametric search criteria from drop-down list selections. Searching using a number of search parameters will quickly locate suitable Part candidates from the database which you can then further refine to identify the exact Part you require.

Supply of Database

Where you wish to use this exciting product but an existing company database does not exist, the purchase of a 'ready made' template database is possible. The database is supplied in configured and populated format ready to use and make your own additions to.

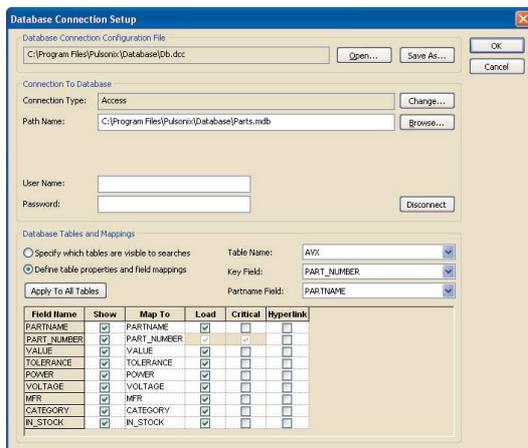
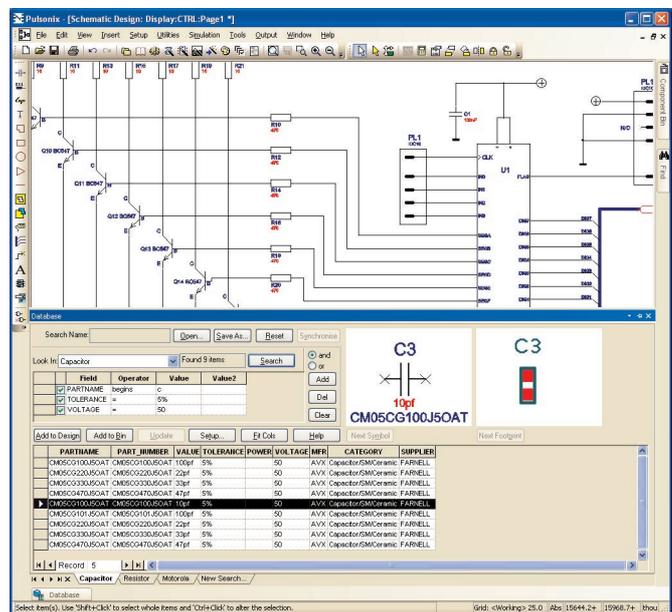
Additional library management control facilities are available when using the PDC with floating Pulsonix licenses.

Consultancy

We are able to offer a consultancy service for various aspects of the database integration, including data migration, setup, Part creation and system administration services.

Pricing Structure

The pricing structure is based on one PDC enabler per system and includes one client plus a cost on a per-client basis for additional clients. The minimum number of clients per network system is 75% coverage.



Features Summary

- Connects to manufacturing/engineering/corporate database
- Uses an industry standard ODBC connection
- Allows access to many databases and other storage formats such as MS Access, MS Excel, CSV, TXT, Dbase, Fox, Sage, MySQL and SQLServer.
- Integrated environment within Pulsonix
- Centralised database resource
- Configuration allows mapping of data fields
- Migration tool available for Parts libraries
- Allows Parts to be added to Schematic or PCB designs
- Powerful Parametric searching
- Refine searching from 'rough' searches
- Preview windows shows both SCM Symbol and PCB Footprint
- Component/Part analysis of design items to database
- Report 'local' Parts which do not appear in the database
- Check selected Parts or whole design
- Update design based on configuration fields (Critical etc.)
- Option update design based on mismatched non-critical fields

Management Tools

PDC is run from a centralised database resource. The system administrator is able to manage database access and read/write permissions for each user using standard server admin rights.

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