

Add footprints search path:-

When creating a custom PCB footprint for a component, it is stored somewhere on your computer. In order to design entirely CIS to find where a custom footprint is stored and associate it with a schematic component, the library search path must be changed so that Design Entry CIS knows where to look.

Depending on how xcadence is installed on your computer, the full path should be similar to:-

C:\program files\xcadence\spB-17.2\share\pcb\pcb-lib-symbols.

You have successfully added a library search path to Design Entry CIS. If you are still not able to attach your custom footprints to schematic symbols, go check the above steps and make sure your custom footprint name is correct.

The most widely used file format for PCB manufacturing is called Gerber.

When Manufacturers request "Gerbers" (or) "Gerberfiles" they are referring to ASCII file that contains Gerber formatted data.

Drill file should also be generated.

Mysql

(1) Insert data into mysql:-

Rules:- * The sql query is quoted in php

* string values inside the sql query must be quoted

* numeric values must not be quoted

* The word Null must not be quoted.

Syntax:- INSERT INTO table-name (column1, column2, column3, ...)
VALUES (value1, value2, value3, ...)

* Mysql Joins:-

Different types of mysql joins:-

* MySQL INNER JOIN (or sometimes called simple join)

* MySQL LEFT OUTER JOIN (or sometimes called LEFT JOIN)

* MySQL RIGHT OUTER JOIN (or sometimes called RIGHT JOIN).

* INNER Join returns all rows from multiple tables where join condition is met

* Left Join Syntax select column-name(s)

From table 1 left join table 2

ON table 1. column-name = table 2

column-name;

* Right Join Syntax:-

SELECT column-name(s)

FROM table 1

Right join table 2

ON table 1. column-name =

table 2 column-name.