

net

Token Type Keyword.

Description A net definition. All Connections must be specified explicitly. Nodes with no connection will be discarded.

Definition ('net'
netdef
[stub]
{ attr | conn | copterm | <highlit> | jpt |
<netclassref> | pin | <signame> | <signum> |
<spacingclass> | via }
)'

Used By layout.

netdef

Token Type Identifier (Name Definition).

Description Definition of an internal reference for a (NET ...) form.

Definition namedef

Used By net.

conn

Token Type Keyword.

Description An explicit connection between two nodes.

Definition ('conn'
node1 node2 roudid
[fix] [route] [unroute] [groupref]
{ attr }
)'

Used By net.

node1

Token Type Equivalence.

Description The start of a connection.

Definition nodeid

Used By conn.

roudid

Token Type Identifier (Name Reference).

Description An internal reference to a (ROUTE CODE ...) form.

Definition nameref

Used By codecol, conn, conndflts.

fix

Token Type Keyword.

Description Many objects can have a (fix) form to prevent inadvertant changes to them.

Definition ('fix')

Used By area, attrloc, board, comp, conn, copper, docsymbol, figure,
group, jpt, route, template, term, text, textloc, via.

route

Token Type Keyword.

Description The routed route between two net nodes. Necked, fix, tDropAtStart and tDropAtEnd apply to the current segment between the enclosing corners.

Definition '(' 'route'
layerid roustart
{ arc | corner | fix | necked | tdropatend |
tdropatstart }
)'

Used By conn.

roustart

Token Type Equivalence.

Description The start of a route.

Definition corner

Used By route.

arc

Token Type Selection.

Description A circular arc of some sort or other.

Definition acwarc | acwsemi | cwarc | cwsemi

Used By cutout, hatched, openshape, outline, route, solid.

corner

Token Type Point Token.

Description A corner in a route.

Definition pointtoken

Used By roustart, route.

unroute

Token Type Keyword.

Description This connection is unrouted but has a layer to control vias at its ends.

Definition '(' 'unroute' layerid ')'

Used By conn.

groupref

Token Type Keyword.

Description An optional internal reference to a (GROUP ...) form.

Definition '(' 'groupref' groupid ')'

Used By area, board, comp, conn, copper, docsymbol, errormark,
figure, group, jpt, template, text, via.

copterm

Token Type Keyword.

Description Specification for a copper terminal on a net.

Definition '(' 'copterm' nodedefcopidtermno ')'

Used By net.

jpt

Token Type Keyword.

Description Specification for a junction point on a net.

Definition '(' 'jpt'
nodedeflayeridstart

[fix] [groupref] [testpad]
{ attr }
)'

Used By net.

netclassref

Token Type Keyword.

Description An optional internal reference to a (NETCLASSNAME ...) form.

Definition '(' 'netclassref' netclaid ')'

Used By net.

pin

Token Type Keyword.

Description Specification for a pin on a net (pin on a comp).

Definition '(' 'pin' nodedef compid pinno ')'

Used By net.

nodedef

Token Type Identifier (Name Definition).

Description Definition of an internal reference for a node on a net

Definition namedef

Used By copterm, jpt, pin, via.

compid

Token Type Identifier (Name Reference).

Description An internal reference to a (COMP ...) form.

Definition nameref

Used By pin.

pinno

Token Type Integer Token (Value >= 1).

Description A pin identifier

Definition integertoken

Used By assocpin, pad, padexception, partpin, pin, pinattr.

signame

Token Type Keyword.

Description The user's name for a net.

Definition '(' 'signame' name ')'

Used By net.

spacingclass

Token Type Keyword.

Description An optional internal reference to a (SPCCLASSNAME ...) form.

Definition '(' 'spacingclass' spaclaid ')'

Used By net.

via

Token Type Keyword.

Description Specification for a via on a net.

Definition (' 'via'
nodedef viacodid lyrprid start
[fix] [groupref] [testland]
)'

Used By net.

nodedef

Token Type Identifier (Name Definition).

Description Definition of an internal reference for a node on a net

Definition namedef

Used By copterm, jpt, pin, via.

viacodid

Token Type Identifier (Name Reference).

Description An internal reference to a (VIACODE ...) form.

Definition nameref

Used By via, viacoderef.

lyrprid

Token Type Identifier (Name Reference).

Description An internal reference to a (LAYERPAIR ...) form.

Definition nameref

Used By routedflts, via.

start

Token Type Point Token.

Description The start point or origin of an object.

Definition pointtoken

Used By attrloc, comp, cutout, designorigin, designref, docsymbol,
hatched, jpt, openshape, outline, pad, solid, symdef, term,
text, textloc, via.