# global routing inputs

# (first character in a line means comment)

# routing\_layers N layer\_name its\_preferred\_direction // number of routing layers

# Gcell\_grid number\_of\_Gcell\_column number\_of\_Gcell\_row

# GC (Gcell) column\_index row\_index L (M1 left\_edge\_capacity M3 edge\_capacity) R right\_edge\_capacity B bottom\_edge\_capacity T top\_edge\_capacity

# net\_name pin\_at\_Gcell ( x1 y1 ) ( x2 y2 ) ( x3 y3 )

routing\_layers 3 M1 horizontal M2 vertical M3 horizontal

Gcell\_grid 5 4

Gcell

GC 0 0 L (M1 0 M3 0) R (M1 1 M3 3) B (M2 0) T (M2 3)

GC 0 1 L (M1 0 M3 0) R (M1 1 M3 3) B (M2 3) T (M2 3)

GC 0 2 L (M1 0 M3 0) R (M1 1 M3 3) B (M2 3) T (M2 3)

GC 0 3 L (M1 0 M3 0) R (M1 1 M3 3) B (M2 3) T (M2 0)

GC 1 0 L (M1 1 M3 3) R (M1 1 M3 3) B (M2 0) T (M2 3)

GC 1 1 L (M1 1 M3 3) R (M1 1 M3 3) B (M2 3) T(M2 3)

GC 1 2 L (M1 1 M3 3) R (M1 1 M3 3) B (M2 3) T (M2 3)

GC 1 3 L (M1 1 M3 3) R (M1 1 M3 3) B (M2 3) T (M2 0)

GC 2 0 L (M1 1 M3 3) R (M1 1 M3 3) B (M2 0) T (M2 3)

GC 2 1 L (M1 1 M3 3) R (M1 1 M3 3) B (M2 3) T(M2 3)

GC 2 2 L (M1 1 M3 3) R (M1 1 M3 3) B (M2 3) T(M2 3)

GC 2 3 L (M1 1 M3 3) R (M1 1 M3 3) B (M2 3) T(M2 0)

GC 3 0 L (M1 1 M3 3) R (M1 1 M3 3) B (M2 0) T(M2 3)

GC 3 1 L (M1 1 M3 3) R (M1 1 M3 3) B (M2 3) T(M2 3)

GC 3 2 L (M1 1 M3 3) R (M1 1 M3 3) B (M2 3) T(M2 3)

GC 3 3 L (M1 1 M3 3) R (M1 1 M3 3) B (M2 3) T(M2 0)

GC 4 0 L (M1 1 M3 3) R (M1 0 M3 0) B (M2 0) T(M2 3)

GC 4 1 L (M1 1 M3 3) R (M1 0 M3 0) B (M2 3) T(M2 3)

GC 4 2 L (M1 1 M3 3) R (M1 0 M3 0) B (M2 3) T(M2 3)

GC 4 3 L (M1 1 M3 3) R (M1 0 M3 0) B (M2 3) T(M2 0)

end\_of\_Gcell

nets

N1 (0 0) (1 0) (2 2)

N2 (0 1) (2 1) (4 1) (4 0) (1 2)

N3 (0 2) (2 0) (3 1) (4 1)

N4 (0 3) (2 1) (3 2)

N5 (1 3) (2 2) (3 3)

N6 (2 1) (4 2)

N7 (3 3) (3 0) (4 1)

N8 (3 2) (1 1) (2 0)

N9 (4 3) (2 2) (2 1) (0 2)

N10 (2 3) (3 1)

N11 (4 3) (2 2) (4 0)

N12 (0 0) (4 3)

N13 (4 0) (0 3)

N14 (1 0) (4 3) (0 3)

N15 (0 1) (3 3) (4 0)

N16 (1 3) (3 0) (4 2) (0 1)

end\_of\_nets