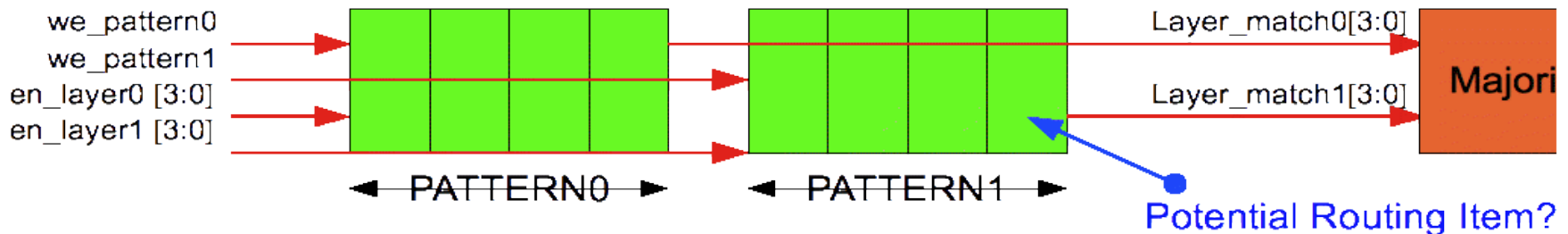
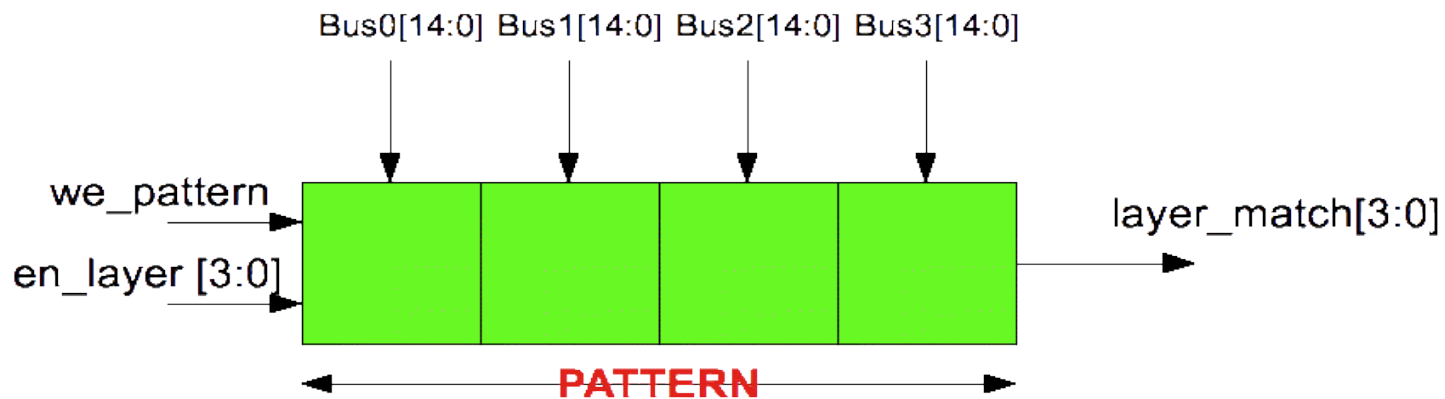
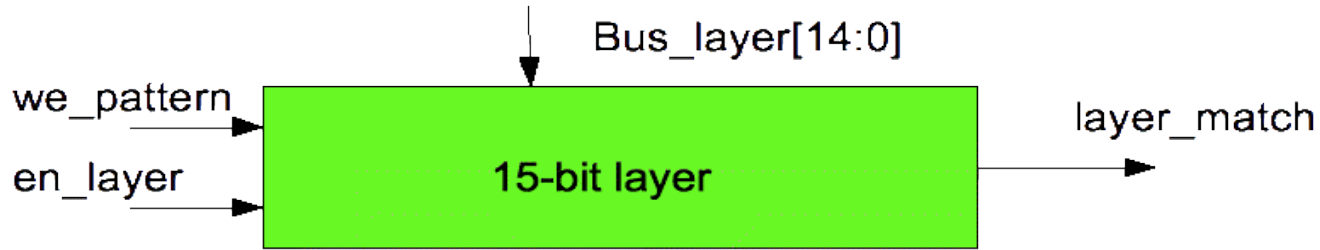


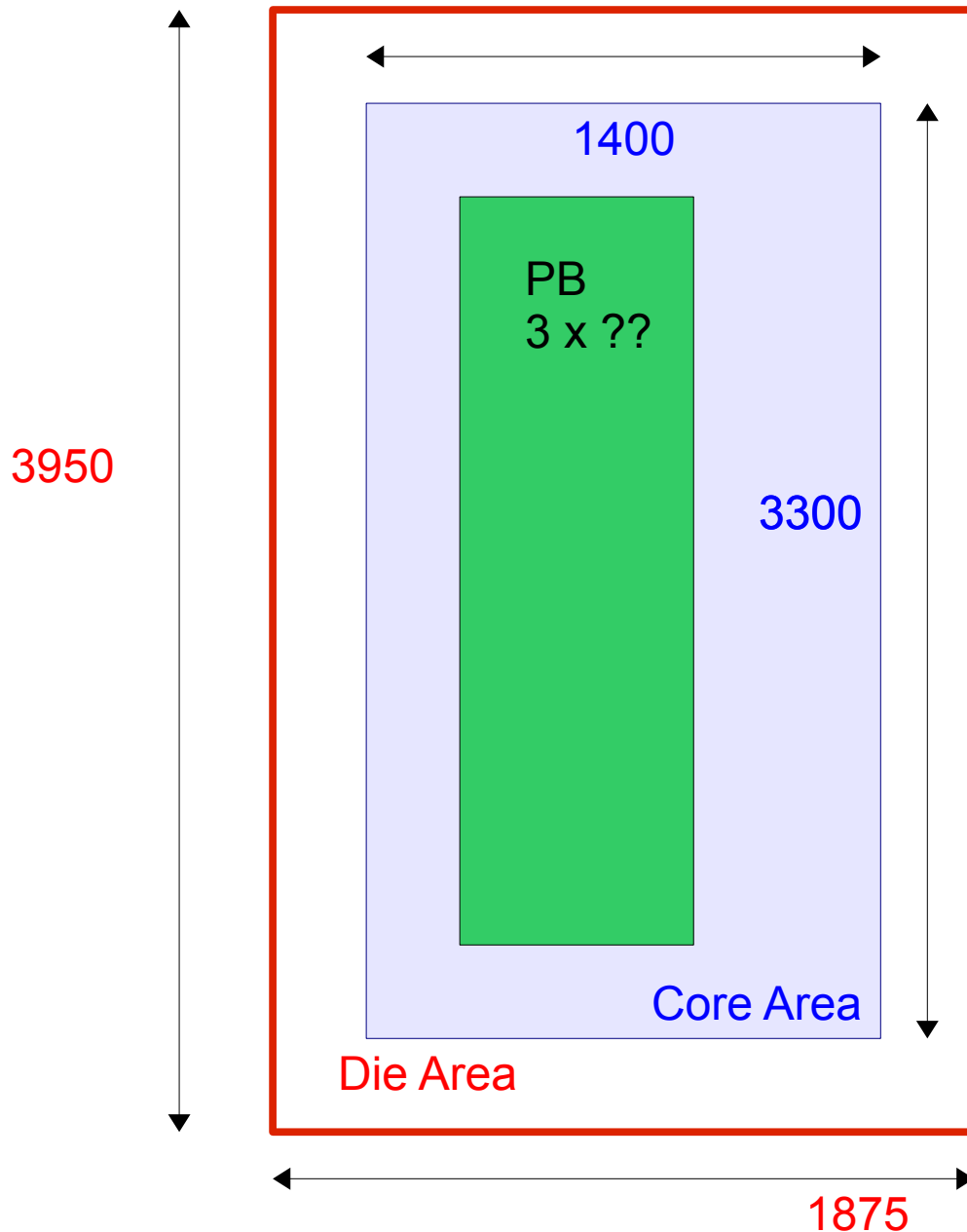
Row Layout

BASIC CELL: From Layers to a Physical Row



N.B: signals can be routed "by hand" inside the CAM or outside automatically...

Floorplane



(1) Total Core Area=4.62 mm²

Pattern Bank (1024 Patterns):

W (2 4-layers patterns) = 400 um

Majority = 200 um x 2.8 um

H [pattern bank (1024)] = 3 mm

Area Pattern Bank = 1.8 mm²

(2) Major Blocks Area (1024 patterns):

Write_Enable = 9000 um²

Encoding = 80000 um²

Kill:42323 = 34000 um²

(3) PADS Possible Option:

20 Pads short side (up to 25)

25 Pads large side (up to 40)

<100 Good for the Package CQFP208