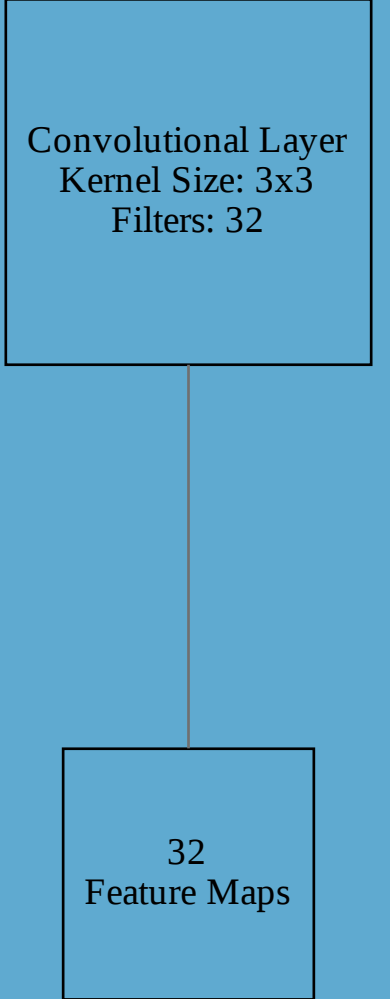
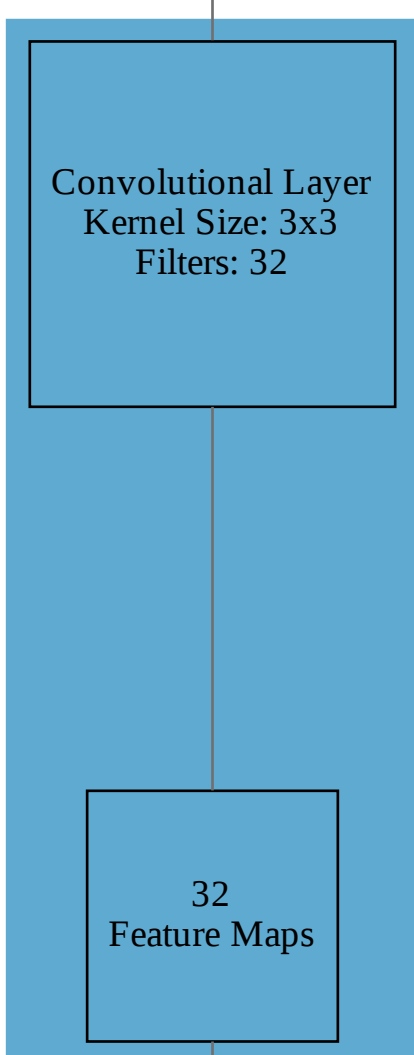


CNN architecture for CIFAR - 10

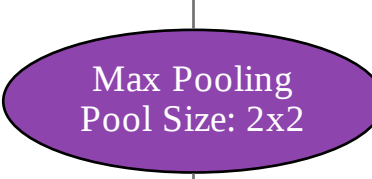
Input Layer



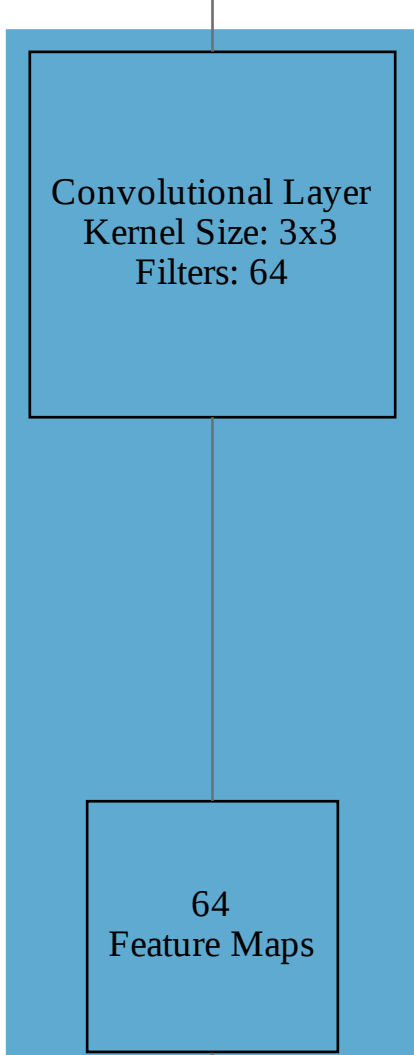
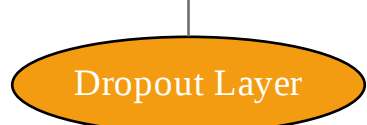
→ Padding = "Same"
Output shape = [32,32,3]



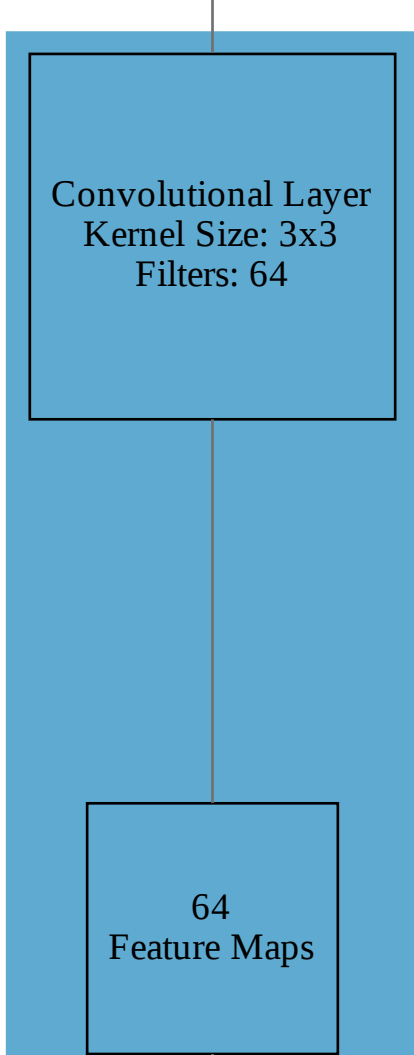
→ Padding = "Same"
Output shape = [32,32,3]



→ Output size = [16,16,32]



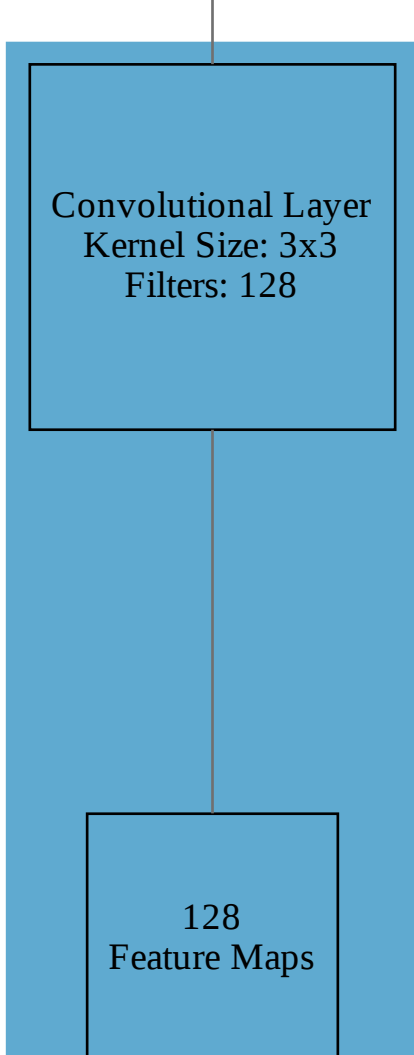
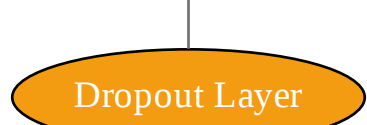
→ Output size : [16,16,64]



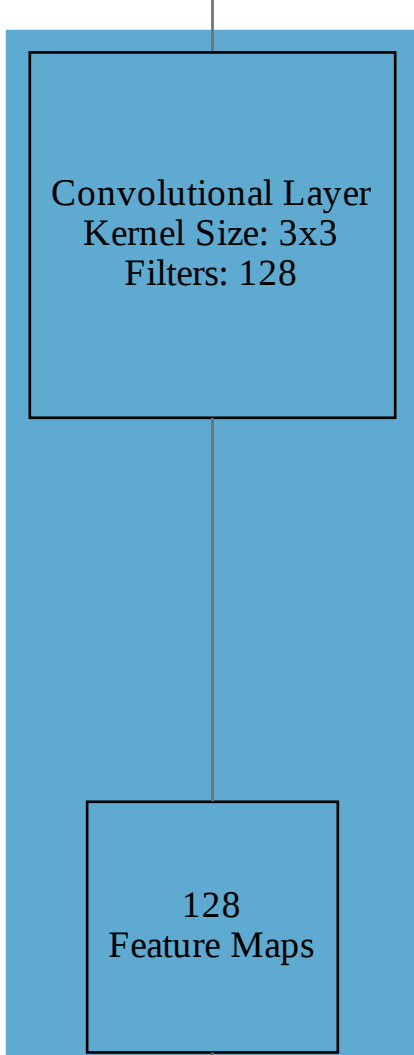
→ Output size : [16,16,64]



→ Output size: [8,8,64]



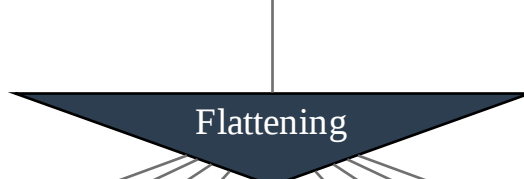
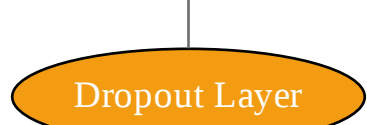
→ Output size : [8,8,128]



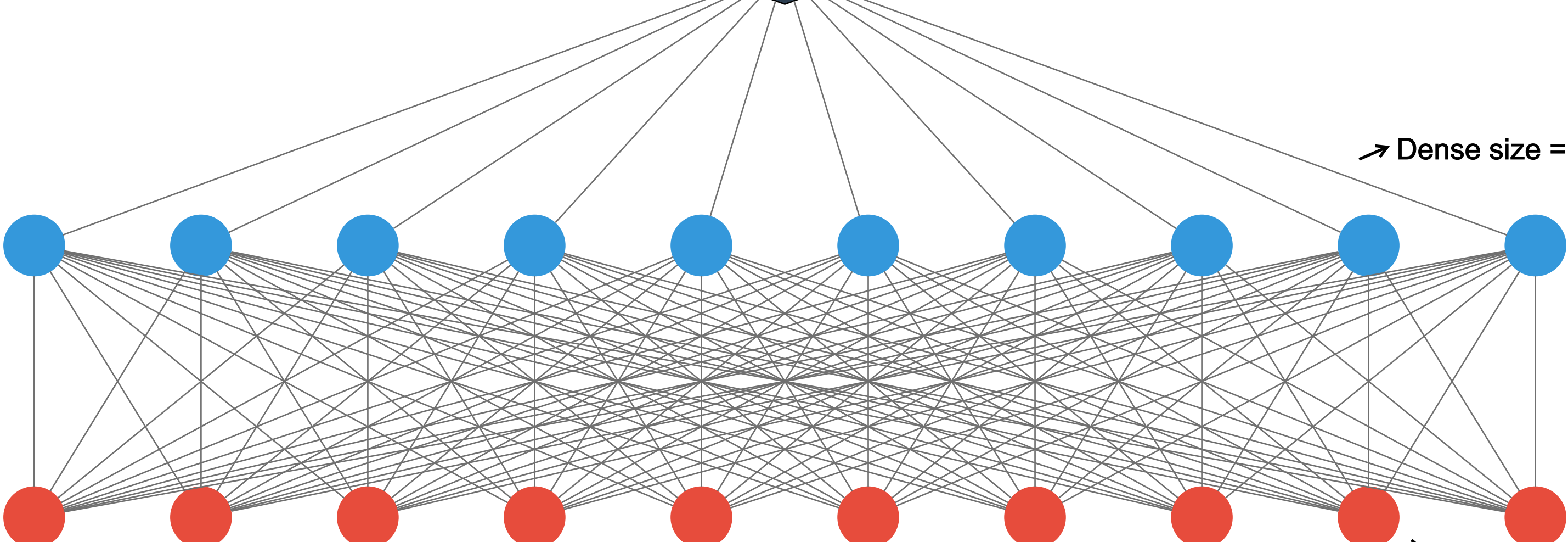
→ Output size : [8,8,128]



→ Output size : [4,4,128]



→ Output size = [2048]



Output Layer

→ Dense size = 128

↘ Dense size = 10