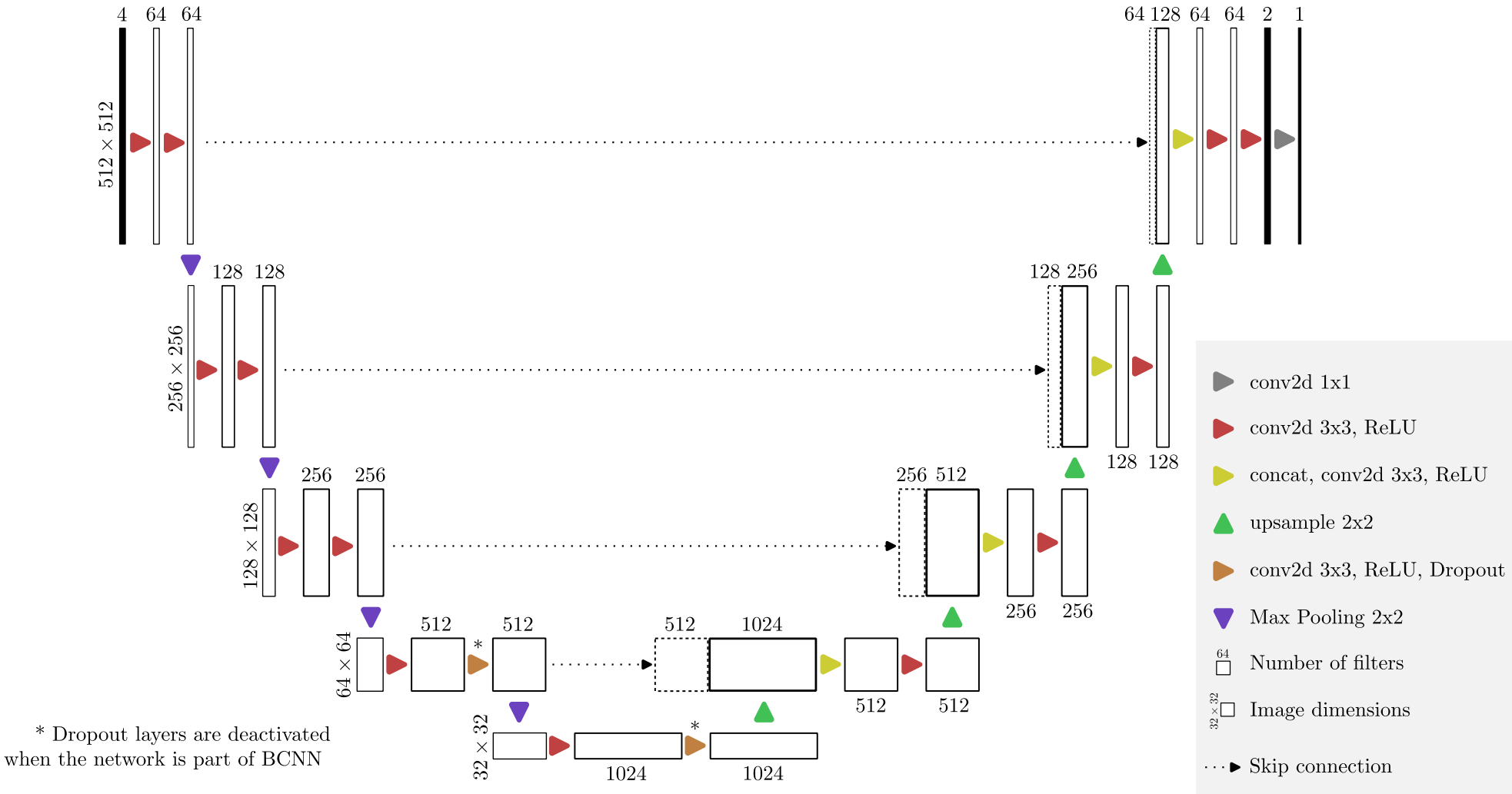
4 64 64
512 × 512
64 128 64 64 2 1
128 128
256 × 256
128 256
128 128
256 256
128 × 128
256 512
256 256
512 512
64 × 64
512 1024
512 512
32 × 32
1024 1024
conv2d 1x1
conv2d 3x3, ReLU
concat, conv2d 3x3, ReLU
upsample 2x2
conv2d 3x3, ReLU, Dropout
Max Pooling 2x2
Number of filters
Image dimensions
Skip connection
* Dropout layers are deactivated when the network is part of BCNN