

Temporal Convolution

Conv2d (1 x 64)
BatchNorm2d

Spatial Convolution

Depthwise Conv2d (22 x 1)
BatchNorm2d
Activation (SELU)
AvgPool2d (1 x 4)
Dropout (p = 0.5)

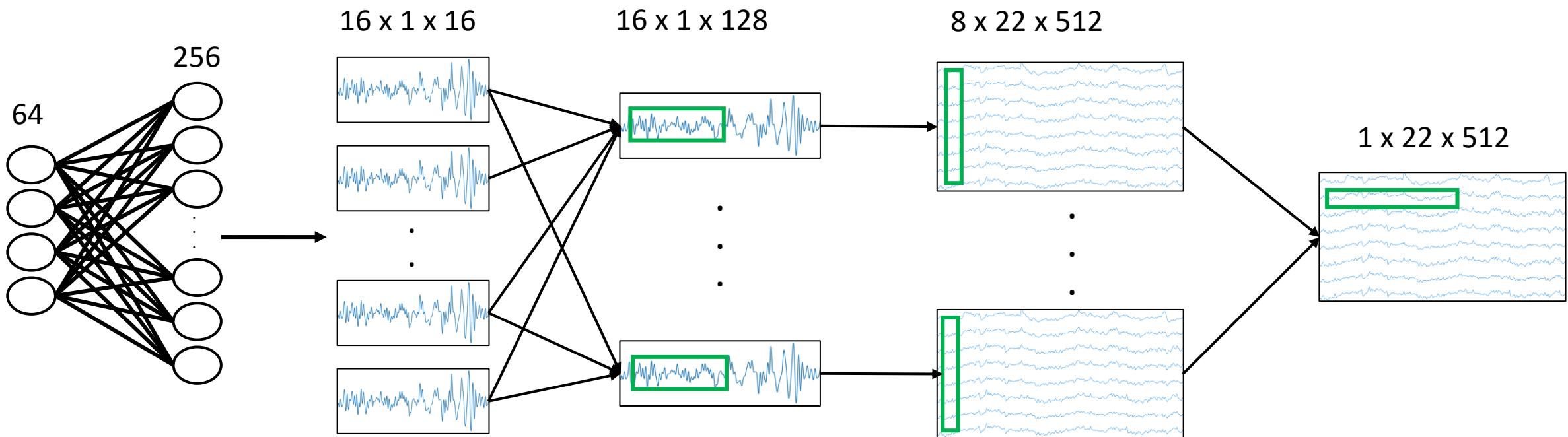
Separable Convolution

Depthwise Conv2d (1 x 32)
Conv2d (1 x 1)
BatchNorm2d
Activation (SELU)
AvgPool2d (1 x 8)
Dropout (p = 0.5)

Flatten

Fully connected

Linear (256 x 128)



Fully connected
Linear (64 x 256)

Reshape

Separable Transpose Convolution

Dropout (p = 0.5)
Upsample (1 x 128)
Activation (SELU)
BatchNorm2d
ConvTranspose2d (1 x 1)
Depthwise ConvTranspose2d (1 x 32)

Spatial Transpose Convolution

Dropout (p = 0.5)
Upsample (1 x 512)
Activation (SELU)
BatchNorm2d
Depthwise ConvTranspose2d (22 x 1)

Temporal Transpose Convolution

BatchNorm2d
ConvTranspose2d (1 x 64)

