

Layer	Layer Type	Size	Output Shape
1	Convolution + ReLU	32 5×5 filters	(32,36,36)
2	Convolution + ReLU	32 5×5 filters	
2	Max Pooling	2×2, stride 2	(32,16,16)
3	Convolution + ReLU	48 5×5 filters	(48,12,12)
4	Convolution + ReLU	48 5×5 filters	
4	Max Pooling	2×2, stride 2	(48,4,4)
5	Convolution + ReLU	64 3×3 filters	
5	Max Pooling	2×2, stride 2	(64,1,1)
6	Fully Connected + ReLU	121 hidden units	121
7	Softmax	121 way	121