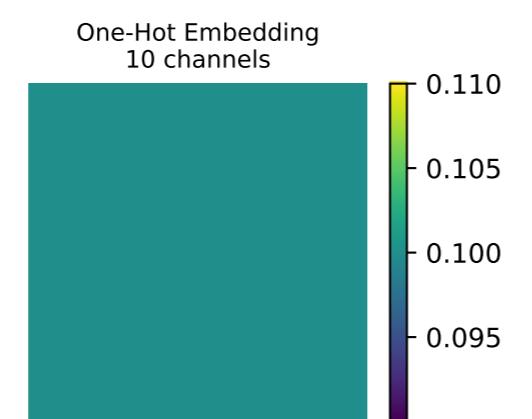
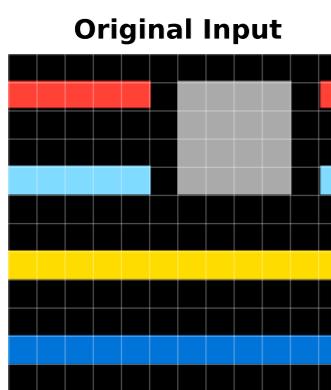
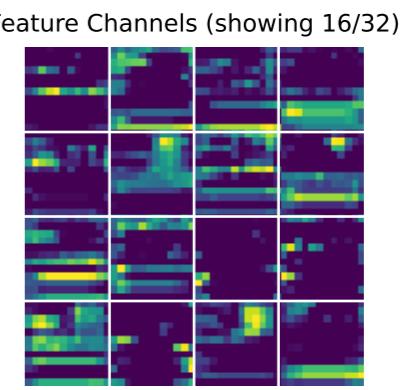
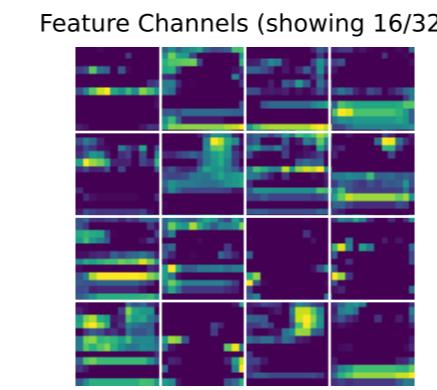
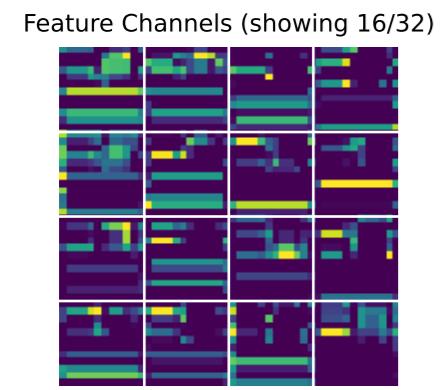
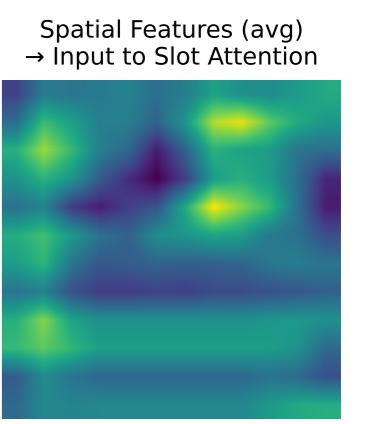
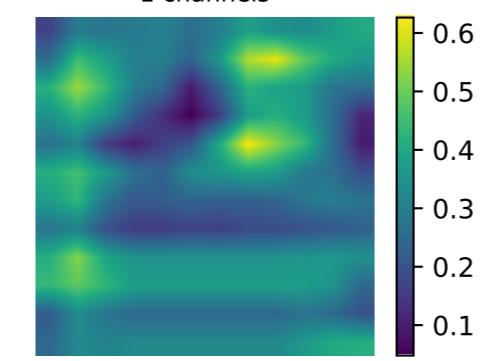
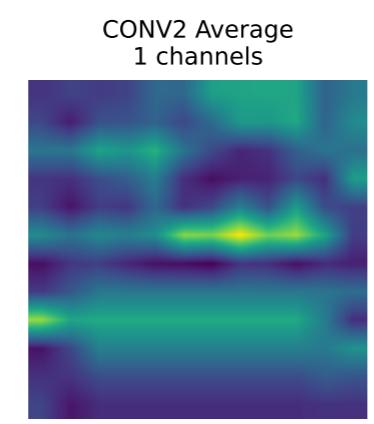
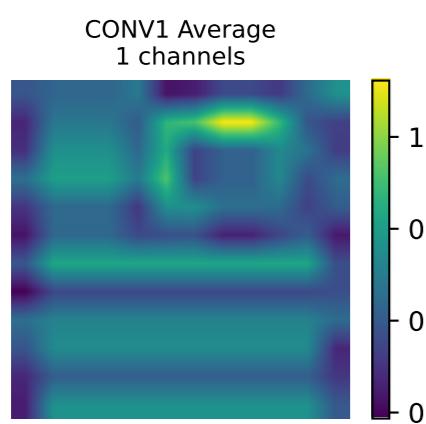


# CNN Feature Analysis: Grid 12×12



Grid Size: 12×12 | CNN: 3 conv layers | Hidden Dim: 128  
 Layer Statistics:  
 EMBED: Ch=10, Size=(12, 12), Mean=0.100±0.184, Range=[0.00,1.00]  
 Diversity=0.5621, Sparsity=0.900, Entropy=1.58  
 CONV1: Ch=32, Size=(12, 12), Mean=0.660±0.235, Range=[0.00,6.49]  
 Diversity=0.6891, Sparsity=0.582, Entropy=3.81  
 CONV2: Ch=32, Size=(12, 12), Mean=0.346±0.187, Range=[0.00,5.18]  
 Diversity=0.7447, Sparsity=0.685, Entropy=3.47  
 CONV3: Ch=32, Size=(12, 12), Mean=0.309±0.191, Range=[0.00,3.13]  
 Diversity=0.5908, Sparsity=0.548, Entropy=3.79  
 SPATIAL\_FEATURES: Ch=32, Size=(12, 12), Mean=0.309±0.191, Range=[0.00,3.13]  
 Diversity=0.5908, Sparsity=0.548, Entropy=3.79



**DIAGNOSIS SUMMARY:**  
 ======  
 GOOD DIVERSITY  
 HIGH SPARSITY: Many dead neurons  
 GOOD ENTROPY

