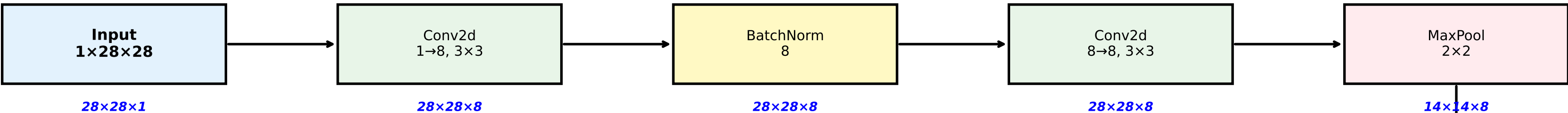


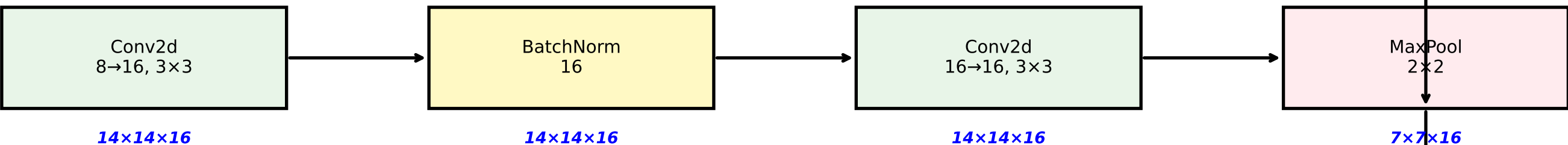
# OptimizedNet Architecture - MNIST Classification

18,614 Parameters | 99.4% Accuracy | 17 Epochs

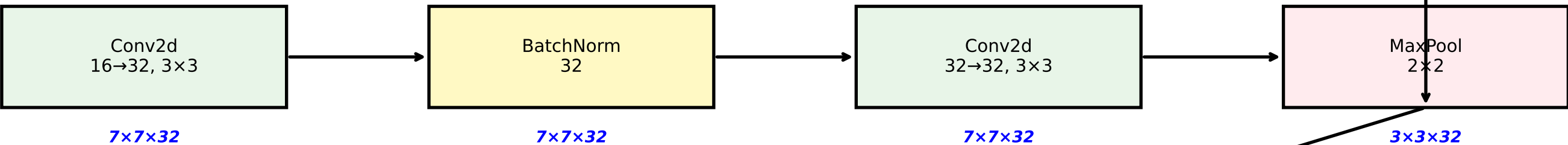
Block 1  
(RF: 3)



Block 2  
(RF: 7)



Block 3  
(RF: 15)



## Architecture Details:

- Total Parameters: 18,614 (< 20,000 target)
- Receptive Field: ~23 (sufficient for MNIST)
- Training Epochs: 17 (< 20 target)
- Final Accuracy: 99.40% ( $\geq 99.4\%$  target)
- Memory Usage: 0.45 MB
- Components: BN + Dropout + GAP + Transition Layers

