Description	Shape
28×28 Mono image	$28 \times 28 \times 1$
Conv $5 \times 5 \times 32$, batch norm	$24 \times 24 \times 32$
Max-pool, 2x2	$12 \times 12 \times 32$
Conv $3 \times 3 \times 64$, batch norm	$10 \times 10 \times 64$
Conv $3 \times 3 \times 64$, batch norm	$8 \times 8 \times 64$
Max-pool, 2x2	$4 \times 4 \times 64$
Dropout, 50 Fully connected, 256 units	256
Fully connected, 10 units, softmax	10