

Decoder	Encoder	Generator	
$BatchSize \times 128$	$BatchSize \times 28 \times 28$	$BatchSize \times 128$	
$3 \times 3 \times 128 \uparrow$	$5 \times 5 \times 32 \downarrow$	1024 Fully-Connected+BatchNorm+relu	
$5 \times 5 \times 64 \uparrow$	$5 \times 5 \times 64 \downarrow$	6272 Fully-Connected+BatchNorm+relu	
$5 \times 5 \times 32 \uparrow$	$5 \times 5 \times 128 \downarrow$	$5 \times 5 \times 128 \uparrow$ BatchNorm+relu	1024
$5 \times 5 \uparrow$	Dropout	$1 \times 5 \times 5 \uparrow$	
Sigmoid	Flatten	Sigmoid	
Flatten	128 Fully-Connected	$BatchSize \times 28 \times 28$ Output	
$BatchSize \times 784$ Output	$BatchSize \times 128$ Output		