Generator

Layer (type)	Output Shape	Param #	Connected to
input_5 (InputLayer)	(None, 100)	0	
dense_6 (Dense)	(None, 3136)	316736	input_5[0][0]
reshape_5 (Reshape)	(None, 7, 7, 64)	0	dense_6[0][0]
conv2d_transpose_7 (Conv2DTrans	(None, 14, 14, 64)	36928	reshape_5[0][0]
batch_normalization_9 (BatchNor	(None, 14, 14, 64)	256	conv2d_transpose_7[0][0]
activation_7 (Activation)	(None, 14, 14, 64)	0	batch_normalization_9[0][0]
input_6 (InputLayer)	(None, 1)	0	
conv2d_transpose_8 (Conv2DTrans	(None, 28, 28, 64)	36928	activation_7[0][0]
dense_5 (Dense)	(None, 64)	128	input_6[0][0]
batch_normalization_10 (BatchNo	(None, 28, 28, 64)	256	conv2d_transpose_8[0][0]
reshape_4 (Reshape)	(None, 1, 1, 64)	0	dense_5[0][0]
activation_8 (Activation)	(None, 28, 28, 64)	0	batch_normalization_10[0][0]
up_sampling2d_1 (UpSampling2D)	(None, 28, 28, 64)	0	reshape_4[0][0]
multiply_2 (Multiply)	(None, 28, 28, 64)	0	activation_8[0][0] up_sampling2d_1[0][0]
conv2d_5 (Conv2D)	(None, 28, 28, 64)	36928	multiply_2[0][0]
batch_normalization_11 (BatchNo	(None, 28, 28, 64)	256	conv2d_5[0][0]
activation_9 (Activation)	(None, 28, 28, 64)	0	batch_normalization_11[0][0]
multiply_3 (Multiply)	(None, 28, 28, 64)	0	activation_9[0][0] up_sampling2d_1[0][0]
conv2d_6 (Conv2D)	(None, 28, 28, 64)	36928	multiply_3[0][0]
batch_normalization_12 (BatchNo	(None, 28, 28, 64)	256	conv2d_6[0][0]
activation_10 (Activation)	(None, 28, 28, 64)	0	batch_normalization_12[0][0]
multiply_4 (Multiply)	(None, 28, 28, 64)	0	activation_10[0][0] up_sampling2d_1[0][0]
conv2d_7 (Conv2D)	(None, 28, 28, 1)	577	multiply_4[0][0]
activation_11 (Activation)	(None, 28, 28, 1)	0	conv2d_7[0][0]

Total params: 466,177
Trainable params: 465,665
Non-trainable params: 512