Model: "model\_56"

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Layer (type) Output Shape Param #

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input\_29 (InputLayer) [(None, 28, 28, 1)] 0

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conv2d\_112 (Conv2D) (None, 28, 28, 32) 320

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leaky\_re\_lu\_138 (LeakyReLU) (None, 28, 28, 32) 0

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max\_pooling2d\_56 (MaxPooling (None, 14, 14, 32) 0

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conv2d\_113 (Conv2D) (None, 14, 14, 64) 18496

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leaky\_re\_lu\_139 (LeakyReLU) (None, 14, 14, 64) 0

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max\_pooling2d\_57 (MaxPooling (None, 7, 7, 64) 0

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conv2d\_114 (Conv2D) (None, 5, 5, 64) 36928

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leaky\_re\_lu\_140 (LeakyReLU) (None, 5, 5, 64) 0

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flatten\_28 (Flatten) (None, 1600) 0

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dense\_28 (Dense) (None, 49) 78449

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reshape\_28 (Reshape) (None, 7, 7, 1) 0

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conv2d\_transpose\_84 (Conv2DT (None, 14, 14, 128) 1280

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leaky\_re\_lu\_141 (LeakyReLU) (None, 14, 14, 128) 0

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conv2d\_transpose\_85 (Conv2DT (None, 28, 28, 64) 73792

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leaky\_re\_lu\_142 (LeakyReLU) (None, 28, 28, 64) 0

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conv2d\_transpose\_86 (Conv2DT (None, 28, 28, 32) 18464

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leaky\_re\_lu\_143 (LeakyReLU) (None, 28, 28, 32) 0

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conv2d\_115 (Conv2D) (None, 28, 28, 1) 289

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Total params: 228,018

Trainable params: 228,018

Non-trainable params: 0

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