```
block1.CSA.query_con.weight
```

block1.CSA.query_con.bias

block1.CSA.key_con.weight

block1.CSA.key_con.bias

block1.CSA.value_con.weight

block1.CSA.value con.bias

block1.CSA.bn512.weight

block1.CSA.bn512.bias

block1.CSA.bn512.running_mean

block1.CSA.bn512.running_var

block1.CSA.bn512.num batches tracked

block1.CSA.query_conv.0.weight

block1.CSA.query_conv.0.bias

block1.CSA.query_conv.1.weight

block1.CSA.query_conv.1.bias

block1.CSA.query_conv.1.running_mean

block1.CSA.query_conv.1.running_var

block1.CSA.guery_conv.1.num_batches_tracked

block1.CSA.key_conv.0.weight

block1.CSA.key_conv.0.bias

block1.CSA.key_conv.1.weight

block1.CSA.key_conv.1.bias

block1.CSA.key_conv.1.running_mean

block1.CSA.key_conv.1.running_var

block1.CSA.key_conv.1.num_batches_tracked

block1.CSA.value conv.0.weight

block1.CSA.value_conv.0.bias

block1.CSA.value_conv.1.weight

block1.CSA.value_conv.1.bias

block1.CSA.value conv.1.running mean

block1.CSA.value_conv.1.running_var

block1.CSA.value_conv.1.num_batches_tracked

block1.conv.weight

block1.conv.bias

block1.fuse.weight

block1.fuse.bias

block1.res_swin.conv_first.weight

block1.res swin.conv first.bias

block1.res_swin.conv_after_RSTB.weight

block1.res_swin.conv_after_RSTB.bias

block1.res_swin.patch_embed.norm.weight

block1.res_swin.patch_embed.norm.bias

block1.res_swin.layers.0.residual_group.blocks.0.norm1.weight

block1.res_swin.layers.0.residual_group.blocks.0.norm1.bias

block1.res_swin.layers.0.residual_group.blocks.0.attn.relative_position_bias_table

block1.res_swin.layers.0.residual_group.blocks.0.attn.relative_position_index

block1.res_swin.layers.0.residual_group.blocks.0.attn.qkv.weight

block1.res_swin.layers.0.residual_group.blocks.0.attn.qkv.bias

block1.res_swin.layers.0.residual_group.blocks.0.attn.proj.weight

block1.res swin.layers.0.residual group.blocks.0.attn.proj.bias

block1.res_swin.layers.0.residual_group.blocks.0.norm2.weight

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block1.res_swin.layers.0.residual_group.blocks.0.norm2.bias
block1.res swin.layers.0.residual group.blocks.0.mlp.fc1.weight
block1.res_swin.layers.0.residual_group.blocks.0.mlp.fc1.bias
block1.res swin.layers.0.residual group.blocks.0.mlp.fc2.weight
block1.res_swin.layers.0.residual_group.blocks.0.mlp.fc2.bias
block1.res_swin.layers.0.residual_group.blocks.1.attn_mask
block1.res_swin.layers.0.residual_group.blocks.1.norm1.weight
block1.res_swin.layers.0.residual_group.blocks.1.norm1.bias
block1.res swin.layers.0.residual group.blocks.1.attn.relative position bias table
block1.res_swin.layers.0.residual_group.blocks.1.attn.relative_position_index
block1.res_swin.layers.0.residual_group.blocks.1.attn.qkv.weight
block1.res swin.layers.0.residual group.blocks.1.attn.qkv.bias
block1.res_swin.layers.0.residual_group.blocks.1.attn.proj.weight
block1.res swin.layers.0.residual group.blocks.1.attn.proj.bias
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block1.res_swin.layers.0.residual_group.blocks.1.norm2.bias
block1.res_swin.layers.0.residual_group.blocks.1.mlp.fc1.weight
block1.res_swin.layers.0.residual_group.blocks.1.mlp.fc1.bias
block1.res swin.layers.0.residual group.blocks.1.mlp.fc2.weight
block1.res_swin.layers.0.residual_group.blocks.1.mlp.fc2.bias
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block1.res swin.layers.0.conv.bias
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block1.res swin.layers.1.residual group.blocks.0.norm1.bias
block1.res_swin.layers.1.residual_group.blocks.0.attn.relative_position_bias_table
block1.res swin.layers.1.residual group.blocks.0.attn.relative position index
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block1.res_swin.layers.1.residual_group.blocks.0.attn.qkv.bias
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block1.res_swin.layers.1.residual_group.blocks.0.attn.proj.bias
block1.res swin.layers.1.residual group.blocks.0.norm2.weight
block1.res_swin.layers.1.residual_group.blocks.0.norm2.bias
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block1.res_swin.layers.1.residual_group.blocks.0.mlp.fc1.bias
block1.res_swin.layers.1.residual_group.blocks.0.mlp.fc2.weight
block1.res_swin.layers.1.residual_group.blocks.0.mlp.fc2.bias
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block1.res swin.layers.1.residual group.blocks.1.norm1.weight
block1.res swin.layers.1.residual group.blocks.1.norm1.bias
block1.res_swin.layers.1.residual_group.blocks.1.attn.relative_position_bias_table
block1.res_swin.layers.1.residual_group.blocks.1.attn.relative_position_index
block1.res_swin.layers.1.residual_group.blocks.1.attn.qkv.weight
block1.res_swin.layers.1.residual_group.blocks.1.attn.qkv.bias
block1.res_swin.layers.1.residual_group.blocks.1.attn.proj.weight
block1.res_swin.layers.1.residual_group.blocks.1.attn.proj.bias
block1.res swin.layers.1.residual group.blocks.1.norm2.weight
block1.res_swin.layers.1.residual_group.blocks.1.norm2.bias
block1.res_swin.layers.1.residual_group.blocks.1.mlp.fc1.weight
block1.res_swin.layers.1.residual_group.blocks.1.mlp.fc1.bias
block1.res swin.layers.1.residual group.blocks.1.mlp.fc2.weight
block1.res swin.layers.1.residual group.blocks.1.mlp.fc2.bias
block1.res_swin.layers.1.conv.weight
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block1.res swin.norm.weight
block1.res_swin.norm.bias
block1.res swin.res.conv1.weight
block1.res_swin.res.conv1.bias
block1.res_swin.res.conv2.weight
block1.res_swin.res.conv2.bias
block1.GF.weight
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    2.3745e-02, 1.4040e-02, 8.4304e-03, 1.5743e-01, 2.4840e-01,
    9.1899e-02, 4.0608e-02, 4.4619e-02, 1.6231e-01, 8.5208e-02,
    3.6052e-04, -1.2401e-04, 5.4884e-02, 2.1635e-01, 1.0275e-01,
    3.7111e-02, 6.4587e-02, 3.7732e-03, 8.5275e-03, 7.2891e-02,
    4.9925e-02, 3.9847e-02, 2.0068e-02, 6.1094e-02, 1.7694e-01,
    1.5505e-02, 1.0648e-01, 8.7070e-02, 4.5376e-02, 2.6214e-02,
    1.1911e-02, 2.5690e-02, 1.1626e-01, 2.7904e-04, 4.7108e-02,
    1.3302e-01, 1.8533e-02, 2.6306e-03, 4.6795e-01, 8.0300e-02,
    1.7519e-01, 7.5368e-02, 8.0485e-03, 2.6789e-02, 1.0619e-01,
    1.3518e-02, 1.3155e-01, 7.9201e-02, 1.8433e-02, 4.8702e-03,
    1.7035e-01], device='cuda:0'), tensor([ 9.7613e-03, -1.6174e-01, 4.8476e-03, -1.3393e-02,
4.8216e-02,
    3.4969e-01, 1.2452e-01, -6.3247e-02, 1.4054e-02, 8.4449e-03,
    2.6050e-01, -1.1894e-02, -1.9128e-01, 3.7296e-02, 6.3292e-02,
    -7.8769e-02, -3.0074e-02, -2.4674e-02, 1.1196e-02, -1.0200e-02,
    -4.8739e-05, 6.3710e-03, 3.3565e-02, 1.2116e-02, 4.0983e-01,
    7.3544e-02, -1.0579e-01, -9.4438e-02, -2.6517e-02, -3.8469e-01,
    -1.1361e-01, 1.1579e-01, -3.7458e-02, -6.8594e-03, 2.3909e-01,
    1.7367e-03, 4.5293e-05, 2.0212e-02, -2.9227e-02, -9.3966e-03,
    -1.1050e-01, -7.9139e-02, -1.3675e-01, -6.0758e-04, 3.0755e-06,
    2.0543e-02, -1.4379e-02, 3.8412e-03, -1.2491e-01, -5.1980e-02,
    1.0260e-01, -7.3268e-02, 2.7503e-02, 2.1292e-01, 8.4941e-02,
    4.9957e-05, 1.2583e-04, -9.0710e-02, 4.2518e-02, 1.8397e-01,
    5.1554e-02, 7.7874e-02, 1.9842e-03, 7.8838e-03, -7.2200e-02,
    -1.1991e-01, 3.4839e-02, 1.5923e-02, -9.4881e-02, 1.4063e-01,
    2.8130e-03, 1.5205e-01, 1.3315e-01, -4.3269e-02, -2.7410e-02,
    -9.4622e-03, 2.5725e-02, 3.4811e-02, -1.3095e-04, 3.5918e-02,
    5.6273e-02, -1.1730e-02, -1.9832e-05, -4.3189e-02, -1.1308e-01,
    -1.8406e-01, -7.5637e-02, -8.9057e-05, 9.8079e-03, 4.0875e-02,
    4.6870e-03, 1.9189e-01, -1.0708e-01, 1.9191e-02, -8.6572e-04,
    5.2205e-02], device='cuda:0'), tensor([[[ 0.0330, 0.0604, 0.0322],
     [-0.0243, -0.0138, -0.0265],
     [0.0403, 0.0109, 0.0315]
    [[0.0418, -0.0380, -0.0912],
```

```
[0.2771, -0.2262, 0.1143],
     [-0.0252, 0.0356, -0.0621]]],
    [[-0.0381, -0.0252, -0.1054],
     [-0.0351, -0.0858, 0.0870],
     [0.0245, -0.3398, -0.0245]],
    [[0.0471, -0.1031, 0.0411],
     [-0.0467, 0.1881, -0.0754],
     [ 0.0061, 0.1378, -0.1429]]]], device='cuda:0'), tensor([-0.0201, 0.0682], device='cuda:0'),
tensor([[[[ 0.0091, -0.0075, 0.0041],
     [-0.0576, 0.0022, -0.0036],
     [0.0208, 0.0352, -0.0112]],
     [[0.0856, 0.1626, 0.0670],
     [0.0353, 0.0912, 0.0491],
     [0.0703, 0.0383, 0.0549]]],
    [[[0.0713, 0.0031, -0.0483],
     [-0.0585, 0.1874, -0.2365],
     [0.1351, 0.0680, -0.1205]],
    [[0.0454, -0.0515, -0.0383],
     [0.0277, -0.0464, 0.0094],
     [-0.0051, 0.0199, -0.0191]]]], device='cuda:0'), tensor([-0.0312, -0.0091], device='cuda:0'),
tensor([[[[1.9652e-05, 2.3941e-04, 1.0730e-03, 1.7690e-03, 1.0730e-03,
      2.3941e-04, 1.9652e-05],
     [2.3941e-04, 2.9166e-03, 1.3071e-02, 2.1551e-02, 1.3071e-02,
      2.9166e-03, 2.3941e-04],
     [1.0730e-03, 1.3071e-02, 5.8582e-02, 9.6585e-02, 5.8582e-02,
      1.3071e-02, 1.0730e-03],
     [1.7690e-03, 2.1551e-02, 9.6585e-02, 1.5924e-01, 9.6585e-02,
      2.1551e-02, 1.7690e-03],
     [1.0730e-03, 1.3071e-02, 5.8582e-02, 9.6585e-02, 5.8582e-02,
      1.3071e-02, 1.0730e-03],
     [2.3941e-04, 2.9166e-03, 1.3071e-02, 2.1551e-02, 1.3071e-02,
      2.9166e-03, 2.3941e-04],
     [1.9652e-05, 2.3941e-04, 1.0730e-03, 1.7690e-03, 1.0730e-03,
      2.3941e-04, 1.9652e-05]]],
    [[[1.9652e-05, 2.3941e-04, 1.0730e-03, 1.7690e-03, 1.0730e-03,
      2.3941e-04, 1.9652e-05],
     [2.3941e-04, 2.9166e-03, 1.3071e-02, 2.1551e-02, 1.3071e-02,
      2.9166e-03, 2.3941e-04],
     [1.0730e-03, 1.3071e-02, 5.8582e-02, 9.6585e-02, 5.8582e-02,
      1.3071e-02, 1.0730e-03],
```

```
[1.7690e-03, 2.1551e-02, 9.6585e-02, 1.5924e-01, 9.6585e-02, 2.1551e-02, 1.7690e-03],
[1.0730e-03, 1.3071e-02, 5.8582e-02, 9.6585e-02, 5.8582e-02, 1.3071e-02, 1.0730e-03],
[2.3941e-04, 2.9166e-03, 1.3071e-02, 2.1551e-02, 1.3071e-02, 2.9166e-03, 2.3941e-04],
[1.9652e-05, 2.3941e-04, 1.0730e-03, 1.7690e-03, 1.0730e-03, 2.3941e-04, 1.9652e-05]]]], device='cuda:0')] the length of the tensor_list is: 111
```

进程已结束,退出代码为0