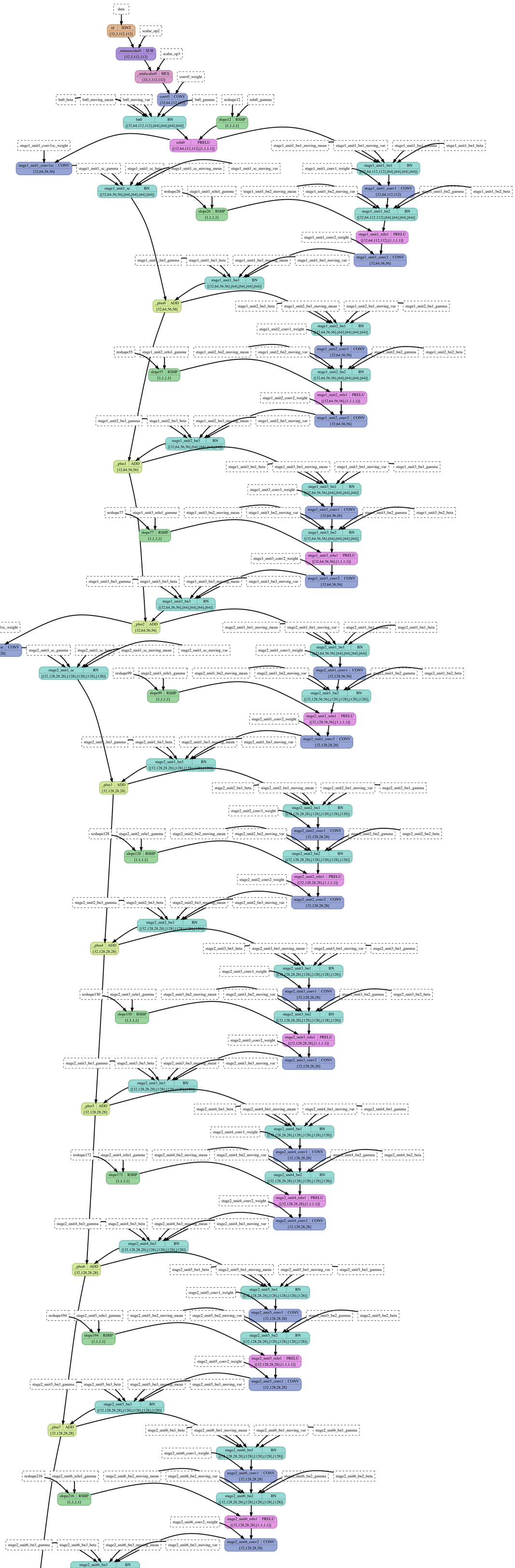
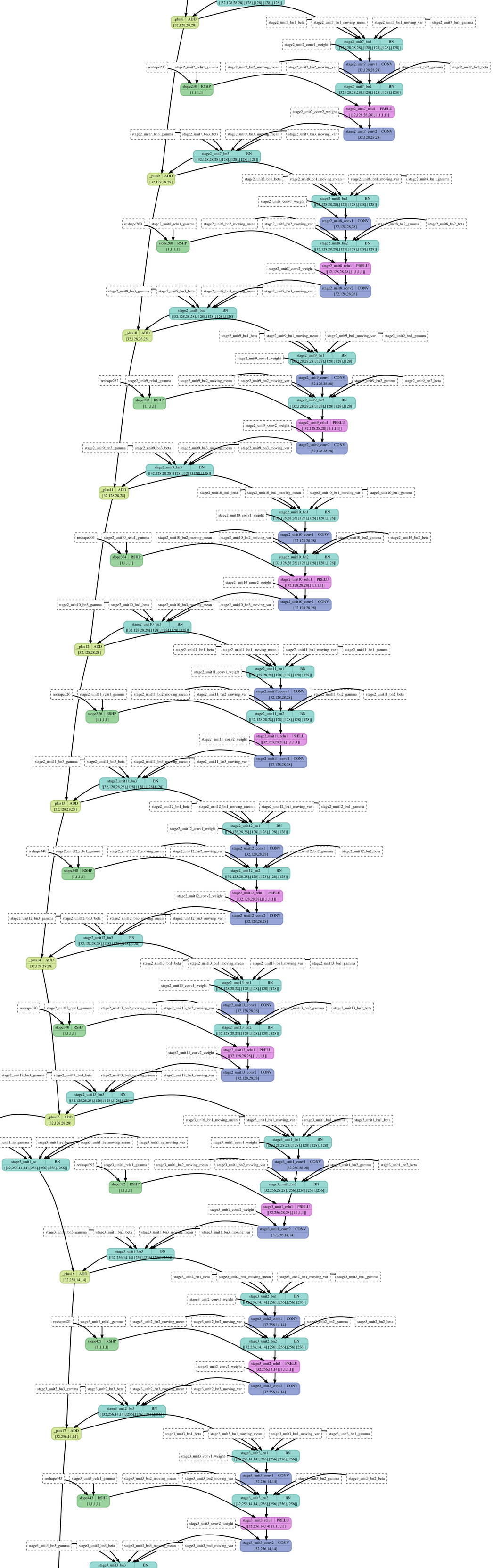
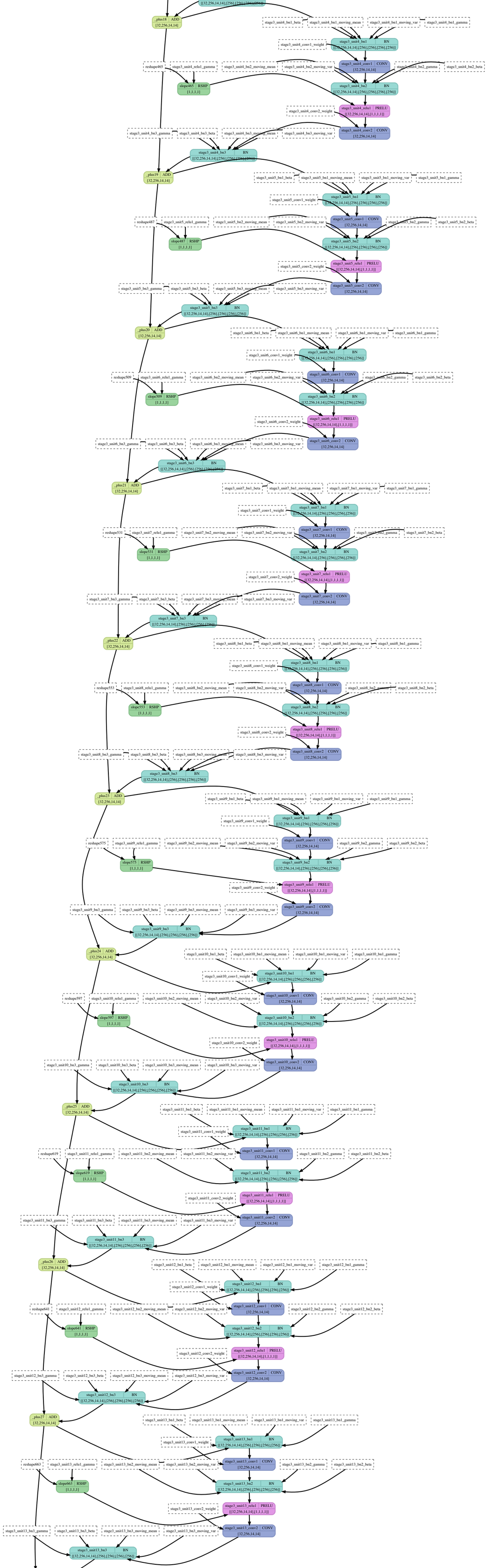
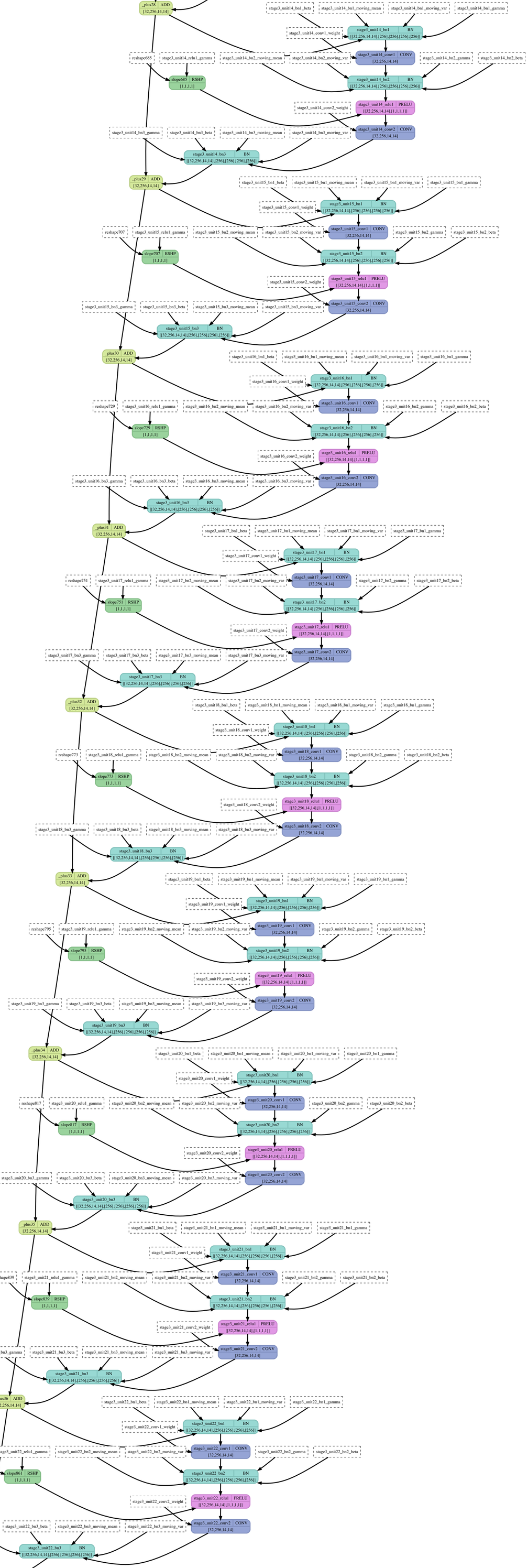
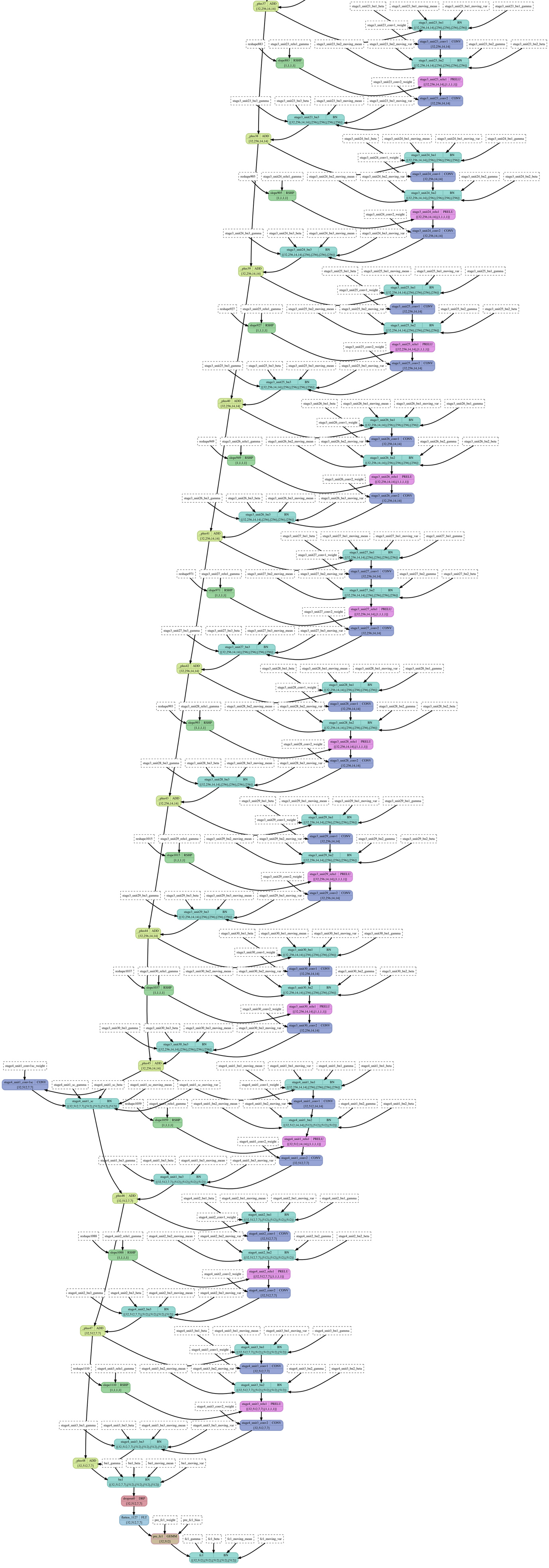

data
id IDNT [32,3,112,112]
scalar_op2
_minusscalar0 SUB [32,3,112,112]
scalar_op3
_mulscalar0 MUL [32,3,112,112]
conv0_weight
bn0_beta
bn0_moving_mean
bn0_moving_var
conv0 CONV [32,64,112,112]
bn0_gamma
reshape12
relu0_gamma
bn0 BN [[32,64,112,112],[64],[64],[64]]
slope12 RSHP [1,1,1,1]
relu0 PRELU [[32,64,112,112],[1,1,1,1]]
stage1_unit1_conv1sc_weight
stage1_unit1_bn1_moving_mean
stage1_unit1_bn1_moving_var
stage1_unit1_bn1_gamma
stage1_unit1_bn1_beta
stage1_unit1_conv1sc CONV [32,64,56,56]
stage1_unit1_sc_gamma
stage1_unit1_sc_beta
stage1_unit1_sc_moving_mean
stage1_unit1_sc_moving_var
stage1_unit1_conv1_weight
stage1_unit1_bn1 BN [[32,64,112,112],[64],[64],[64]]
stage1_unit1_sc BN [[32,64,56,56],[64],[64],[64]]
reshape26
stage1_unit1_relu1_gamma
stage1_unit1_bn2_moving_mean
stage1_unit1_bn2_moving_var
stage1_unit1_conv1 CONV [32,64,112,112]
stage1_unit1_bn2_gamma
stage1_unit1_bn2_beta
slope26 RSHP [1,1,1,1]
stage1_unit1_bn2 BN [[32,64,112,112],[64],[64],[64]]
stage1_unit1_conv2_weight
stage1_unit1_relu1 PRELU [[32,64,112,112],[1,1,1,1]]
stage1_unit1_bn3_gamma
stage1_unit1_bn3_beta
stage1_unit1_bn3_moving_mean
stage1_unit1_bn3_moving_var
stage1_unit1_conv2 CONV [32,64,56,56]
stage1_unit1_bn3 BN [[32,64,56,56],[64],[64],[64]]
_plus0 ADD [32,64,56,56]
stage1_unit2_bn1_beta
stage1_unit2_bn1_moving_mean
stage1_unit2_bn1_moving_var
stage1_unit2_bn1_gamma
stage1_unit2_conv1_weight
stage1_unit2_bn1 BN [[32,64,56,56],[64],[64],[64]]
reshape55
stage1_unit2_relu1_gamma
stage1_unit2_bn2_moving_mean
stage1_unit2_bn2_moving_var
stage1_unit2_conv1 CONV [32,64,56,56]
stage1_unit2_bn2_gamma
stage1_unit2_bn2_beta
slope55 RSHP [1,1,1,1]
stage1_unit2_bn2 BN [[32,64,56,56],[64],[64],[64]]
stage1_unit2_conv2_weight
stage1_unit2_relu1 PRELU [[32,64,56,56],[1,1,1,1]]
stage1_unit2_bn3_gamma
stage1_unit2_bn3_beta
stage1_unit2_bn3_moving_mean
stage1_unit2_bn3_moving_var
stage1_unit2_conv2 CONV [32,64,56,56]
stage1_unit2_bn3 BN [[32,64,56,56],[64],[64],[64]]
_plus1 ADD [32,64,56,56]
stage1_unit3_bn1_beta
stage1_unit3_bn1_moving_mean
stage1_unit3_bn1_moving_var
stage1_unit3_bn1_gamma
stage1_unit3_conv1_weight
stage1_unit3_bn1 BN [[32,64,56,56],[64],[64],[64]]
reshape77
stage1_unit3_relu1_gamma
stage1_unit3_bn2_moving_mean
stage1_unit3_bn2_moving_var
stage1_unit3_conv1 CONV [32,64,56,56]
stage1_unit3_bn2_gamma
stage1_unit3_bn2_beta
slope77 RSHP [1,1,1,1]
stage1_unit3_bn2 BN [[32,64,56,56],[64],[64],[64]]
stage1_unit3_conv2_weight
stage1_unit3_relu1 PRELU [[32,64,56,56],[1,1,1,1]]
stage1_unit3_bn3_gamma
stage1_unit3_bn3_beta
stage1_unit3_bn3_moving_mean
stage1_unit3_bn3_moving_var
stage1_unit3_conv2 CONV [32,64,56,56]
stage1_unit3_bn3 BN [[32,64,56,56],[64],[64],[64]]
_plus2 ADD [32,64,56,56]
stage2_unit1_conv1sc_weight
stage2_unit1_bn1_moving_mean
stage2_unit1_bn1_moving_var
stage2_unit1_bn1_gamma
stage2_unit1_bn1_beta
stage2_unit1_conv1sc CONV [32,128,28,28]
stage2_unit1_sc_gamma
stage2_unit1_sc_beta
stage2_unit1_sc_moving_mean
stage2_unit1_sc_moving_var
stage2_unit1_conv1_weight
stage2_unit1_bn1 BN [[32,64,56,56],[64],[64],[64]]
stage2_unit1_sc BN [[32,128,28,28],[128],[128],[128]]
reshape99
stage2_unit1_relu1_gamma
stage2_unit1_bn2_moving_mean
stage2_unit1_bn2_moving_var
stage2_unit1_conv1 CONV [32,128,56,56]
stage2_unit1_bn2_gamma
stage2_unit1_bn2_beta
slope99 RSHP [1,1,1,1]
stage2_unit1_bn2 BN [[32,128,56,56],[128],[128],[128]]
stage2_unit1_conv2_weight
stage2_unit1_relu1 PRELU [[32,128,56,56],[1,1,1,1]]
stage2_unit1_bn3_gamma
stage2_unit1_bn3_beta
stage2_unit1_bn3_moving_mean
stage2_unit1_bn3_moving_var
stage2_unit1_conv2 CONV [32,128,28,28]
stage2_unit1_bn3 BN [[32,128,28,28],[128],[128],[128]]
_plus3 ADD [32,128,28,28]
stage2_unit2_bn1_beta
stage2_unit2_bn1_moving_mean
stage2_unit2_bn1_moving_var
stage2_unit2_bn1_gamma
stage2_unit2_conv1_weight
stage2_unit2_bn1 BN [[32,128,28,28],[128],[128],[128]]
reshape128
stage2_unit2_relu1_gamma
stage2_unit2_bn2_moving_mean
stage2_unit2_bn2_moving_var
stage2_unit2_conv1 CONV [32,128,28,28]
stage2_unit2_bn2_gamma
stage2_unit2_bn2_beta
slope128 RSHP [1,1,1,1]
stage2_unit2_bn2 BN [[32,128,28,28],[128],[128],[128]]
stage2_unit2_conv2_weight
stage2_unit2_relu1 PRELU [[32,128,28,28],[1,1,1,1]]
stage2_unit2_bn3_gamma
stage2_unit2_bn3_beta
stage2_unit2_bn3_moving_mean
stage2_unit2_bn3_moving_var
stage2_unit2_conv2 CONV [32,128,28,28]
stage2_unit2_bn3 BN [[32,128,28,28],[128],[128],[128]]
_plus4 ADD [32,128,28,28]
stage2_unit3_bn1_beta
stage2_unit3_bn1_moving_mean
stage2_unit3_bn1_moving_var
stage2_unit3_bn1_gamma
stage2_unit3_conv1_weight
stage2_unit3_bn1 BN [[32,128,28,28],[128],[128],[128]]
reshape150
stage2_unit3_relu1_gamma
stage2_unit3_bn2_moving_mean
stage2_unit3_bn2_moving_var
stage2_unit3_conv1 CONV [32,128,28,28]
stage2_unit3_bn2_gamma
stage2_unit3_bn2_beta
slope150 RSHP [1,1,1,1]
stage2_unit3_bn2 BN [[32,128,28,28],[128],[128],[128]]
stage2_unit3_conv2_weight
stage2_unit3_relu1 PRELU [[32,128,28,28],[1,1,1,1]]
stage2_unit3_bn3_gamma
stage2_unit3_bn3_beta
stage2_unit3_bn3_moving_mean
stage2_unit3_bn3_moving_var
stage2_unit3_conv2 CONV [32,128,28,28]
stage2_unit3_bn3 BN [[32,128,28,28],[128],[128],[128]]
_plus5 ADD [32,128,28,28]
stage2_unit4_bn1_beta
stage2_unit4_bn1_moving_mean
stage2_unit4_bn1_moving_var
stage2_unit4_bn1_gamma
stage2_unit4_conv1_weight
stage2_unit4_bn1 BN [[32,128,28,28],[128],[128],[128]]
reshape172
stage2_unit4_relu1_gamma
stage2_unit4_bn2_moving_mean
stage2_unit4_bn2_moving_var
stage2_unit4_conv1 CONV [32,128,28,28]
stage2_unit4_bn2_gamma
stage2_unit4_bn2_beta
slope172 RSHP [1,1,1,1]
stage2_unit4_bn2 BN [[32,128,28,28],[128],[128],[128]]
stage2_unit4_conv2_weight
stage2_unit4_relu1 PRELU [[32,128,28,28],[1,1,1,1]]
stage2_unit4_bn3_gamma
stage2_unit4_bn3_beta
stage2_unit4_bn3_moving_mean
stage2_unit4_bn3_moving_var
stage2_unit4_conv2 CONV [32,128,28,28]
stage2_unit4_bn3 BN [[32,128,28,28],[128],[128],[128]]
_plus6 ADD [32,128,28,28]
stage2_unit5_bn1_beta
stage2_unit5_bn1_moving_mean
stage2_unit5_bn1_moving_var
stage2_unit5_bn1_gamma
stage2_unit5_conv1_weight
stage2_unit5_bn1 BN [[32,128,28,28],[128],[128],[128]]
reshape194
stage2_unit5_relu1_gamma
stage2_unit5_bn2_moving_mean
stage2_unit5_bn2_moving_var
stage2_unit5_conv1 CONV [32,128,28,28]
stage2_unit5_bn2_gamma
stage2_unit5_bn2_beta
slope194 RSHP [1,1,1,1]
stage2_unit5_bn2 BN [[32,128,28,28],[128],[128],[128]]
stage2_unit5_conv2_weight
stage2_unit5_relu1 PRELU [[32,128,28,28],[1,1,1,1]]
stage2_unit5_bn3_gamma
stage2_unit5_bn3_beta
stage2_unit5_bn3_moving_mean
stage2_unit5_bn3_moving_var
stage2_unit5_conv2 CONV [32,128,28,28]
stage2_unit5_bn3 BN [[32,128,28,28],[128],[128],[128]]
_plus7 ADD [32,128,28,28]
stage2_unit6_bn1_beta
stage2_unit6_bn1_moving_mean
stage2_unit6_bn1_moving_var
stage2_unit6_bn1_gamma
stage2_unit6_conv1_weight
stage2_unit6_bn1 BN [[32,128,28,28],[128],[128],[128]]
reshape216
stage2_unit6_relu1_gamma
stage2_unit6_bn2_moving_mean
stage2_unit6_bn2_moving_var
stage2_unit6_conv1 CONV [32,128,28,28]
stage2_unit6_bn2_gamma
stage2_unit6_bn2_beta
slope216 RSHP [1,1,1,1]
stage2_unit6_bn2 BN [[32,128,28,28],[128],[128],[128]]
stage2_unit6_conv2_weight
stage2_unit6_relu1 PRELU [[32,128,28,28],[1,1,1,1]]
stage2_unit6_bn3_gamma
stage2_unit6_bn3_beta
stage2_unit6_bn3_moving_mean
stage2_unit6_bn3_moving_var
stage2_unit6_conv2 CONV [32,128,28,28]
stage2_unit6_bn3 BN


[[32,128,28,28],[128],[128],[128]]
_plus8 ADD [32,128,28,28]
stage2_unit7_bn1_beta
stage2_unit7_bn1_moving_mean
stage2_unit7_bn1_moving_var
stage2_unit7_bn1_gamma
stage2_unit7_bn1 BN [[32,128,28,28],[128],[128],[128]]
stage2_unit7_conv1_weight
stage2_unit7_conv1 CONV [32,128,28,28]
reshape238
stage2_unit7_relu1_gamma
stage2_unit7_bn2_moving_mean
stage2_unit7_bn2_moving_var
stage2_unit7_bn2_gamma
stage2_unit7_bn2_beta
slope238 RSHP [1,1,1,1]
stage2_unit7_bn2 BN [[32,128,28,28],[128],[128],[128]]
stage2_unit7_relu1 PRELU [[32,128,28,28],[1,1,1,1]]
stage2_unit7_conv2_weight
stage2_unit7_conv2 CONV [32,128,28,28]
stage2_unit7_bn3_gamma
stage2_unit7_bn3_beta
stage2_unit7_bn3_moving_mean
stage2_unit7_bn3_moving_var
stage2_unit7_bn3 BN [[32,128,28,28],[128],[128],[128]]
_plus9 ADD [32,128,28,28]
stage2_unit8_bn1_beta
stage2_unit8_bn1_moving_mean
stage2_unit8_bn1_moving_var
stage2_unit8_bn1_gamma
stage2_unit8_bn1 BN [[32,128,28,28],[128],[128],[128]]
stage2_unit8_conv1_weight
stage2_unit8_conv1 CONV [32,128,28,28]
reshape260
stage2_unit8_relu1_gamma
stage2_unit8_bn2_moving_mean
stage2_unit8_bn2_moving_var
stage2_unit8_bn2_gamma
stage2_unit8_bn2_beta
slope260 RSHP [1,1,1,1]
stage2_unit8_bn2 BN [[32,128,28,28],[128],[128],[128]]
stage2_unit8_relu1 PRELU [[32,128,28,28],[1,1,1,1]]
stage2_unit8_conv2_weight
stage2_unit8_conv2 CONV [32,128,28,28]
stage2_unit8_bn3_gamma
stage2_unit8_bn3_beta
stage2_unit8_bn3_moving_mean
stage2_unit8_bn3_moving_var
stage2_unit8_bn3 BN [[32,128,28,28],[128],[128],[128]]
_plus10 ADD [32,128,28,28]
stage2_unit9_bn1_beta
stage2_unit9_bn1_moving_mean
stage2_unit9_bn1_moving_var
stage2_unit9_bn1_gamma
stage2_unit9_bn1 BN [[32,128,28,28],[128],[128],[128]]
stage2_unit9_conv1_weight
stage2_unit9_conv1 CONV [32,128,28,28]
reshape282
stage2_unit9_relu1_gamma
stage2_unit9_bn2_moving_mean
stage2_unit9_bn2_moving_var
stage2_unit9_bn2_gamma
stage2_unit9_bn2_beta
slope282 RSHP [1,1,1,1]
stage2_unit9_bn2 BN [[32,128,28,28],[128],[128],[128]]
stage2_unit9_relu1 PRELU [[32,128,28,28],[1,1,1,1]]
stage2_unit9_conv2_weight
stage2_unit9_conv2 CONV [32,128,28,28]
stage2_unit9_bn3_gamma
stage2_unit9_bn3_beta
stage2_unit9_bn3_moving_mean
stage2_unit9_bn3_moving_var
stage2_unit9_bn3 BN [[32,128,28,28],[128],[128],[128]]
_plus11 ADD [32,128,28,28]
stage2_unit10_bn1_beta
stage2_unit10_bn1_moving_mean
stage2_unit10_bn1_moving_var
stage2_unit10_bn1_gamma
stage2_unit10_bn1 BN [[32,128,28,28],[128],[128],[128]]
stage2_unit10_conv1_weight
stage2_unit10_conv1 CONV [32,128,28,28]
reshape304
stage2_unit10_relu1_gamma
stage2_unit10_bn2_moving_mean
stage2_unit10_bn2_moving_var
stage2_unit10_bn2_gamma
stage2_unit10_bn2_beta
slope304 RSHP [1,1,1,1]
stage2_unit10_bn2 BN [[32,128,28,28],[128],[128],[128]]
stage2_unit10_relu1 PRELU [[32,128,28,28],[1,1,1,1]]
stage2_unit10_conv2_weight
stage2_unit10_conv2 CONV [32,128,28,28]
stage2_unit10_bn3_gamma
stage2_unit10_bn3_beta
stage2_unit10_bn3_moving_mean
stage2_unit10_bn3_moving_var
stage2_unit10_bn3 BN [[32,128,28,28],[128],[128],[128]]
_plus12 ADD [32,128,28,28]
stage2_unit11_bn1_beta
stage2_unit11_bn1_moving_mean
stage2_unit11_bn1_moving_var
stage2_unit11_bn1_gamma
stage2_unit11_bn1 BN [[32,128,28,28],[128],[128],[128]]
stage2_unit11_conv1_weight
stage2_unit11_conv1 CONV [32,128,28,28]
reshape326
stage2_unit11_relu1_gamma
stage2_unit11_bn2_moving_mean
stage2_unit11_bn2_moving_var
stage2_unit11_bn2_gamma
stage2_unit11_bn2_beta
slope326 RSHP [1,1,1,1]
stage2_unit11_bn2 BN [[32,128,28,28],[128],[128],[128]]
stage2_unit11_relu1 PRELU [[32,128,28,28],[1,1,1,1]]
stage2_unit11_conv2_weight
stage2_unit11_conv2 CONV [32,128,28,28]
stage2_unit11_bn3_gamma
stage2_unit11_bn3_beta
stage2_unit11_bn3_moving_mean
stage2_unit11_bn3_moving_var
stage2_unit11_bn3 BN [[32,128,28,28],[128],[128],[128]]
_plus13 ADD [32,128,28,28]
stage2_unit12_bn1_beta
stage2_unit12_bn1_moving_mean
stage2_unit12_bn1_moving_var
stage2_unit12_bn1_gamma
stage2_unit12_bn1 BN [[32,128,28,28],[128],[128],[128]]
stage2_unit12_conv1_weight
stage2_unit12_conv1 CONV [32,128,28,28]
reshape348
stage2_unit12_relu1_gamma
stage2_unit12_bn2_moving_mean
stage2_unit12_bn2_moving_var
stage2_unit12_bn2_gamma
stage2_unit12_bn2_beta
slope348 RSHP [1,1,1,1]
stage2_unit12_bn2 BN [[32,128,28,28],[128],[128],[128]]
stage2_unit12_relu1 PRELU [[32,128,28,28],[1,1,1,1]]
stage2_unit12_conv2_weight
stage2_unit12_conv2 CONV [32,128,28,28]
stage2_unit12_bn3_gamma
stage2_unit12_bn3_beta
stage2_unit12_bn3_moving_mean
stage2_unit12_bn3_moving_var
stage2_unit12_bn3 BN [[32,128,28,28],[128],[128],[128]]
_plus14 ADD [32,128,28,28]
stage2_unit13_bn1_beta
stage2_unit13_bn1_moving_mean
stage2_unit13_bn1_moving_var
stage2_unit13_bn1_gamma
stage2_unit13_bn1 BN [[32,128,28,28],[128],[128],[128]]
stage2_unit13_conv1_weight
stage2_unit13_conv1 CONV [32,128,28,28]
reshape370
stage2_unit13_relu1_gamma
stage2_unit13_bn2_moving_mean
stage2_unit13_bn2_moving_var
stage2_unit13_bn2_gamma
stage2_unit13_bn2_beta
slope370 RSHP [1,1,1,1]
stage2_unit13_bn2 BN [[32,128,28,28],[128],[128],[128]]
stage2_unit13_relu1 PRELU [[32,128,28,28],[1,1,1,1]]
stage2_unit13_conv2_weight
stage2_unit13_conv2 CONV [32,128,28,28]
stage2_unit13_bn3_gamma
stage2_unit13_bn3_beta
stage2_unit13_bn3_moving_mean
stage2_unit13_bn3_moving_var
stage2_unit13_bn3 BN [[32,128,28,28],[128],[128],[128]]
_plus15 ADD [32,128,28,28]
stage3_unit1_conv1sc_weight
stage3_unit1_conv1sc CONV [32,256,14,14]
stage3_unit1_sc_gamma
stage3_unit1_sc_beta
stage3_unit1_sc_moving_mean
stage3_unit1_sc_moving_var
stage3_unit1_sc BN [[32,256,14,14],[256],[256],[256]]
stage3_unit1_bn1_moving_mean
stage3_unit1_bn1_moving_var
stage3_unit1_bn1_gamma
stage3_unit1_bn1_beta
stage3_unit1_bn1 BN [[32,128,28,28],[128],[128],[128]]
stage3_unit1_conv1_weight
stage3_unit1_conv1 CONV [32,256,28,28]
reshape392
stage3_unit1_relu1_gamma
stage3_unit1_bn2_moving_mean
stage3_unit1_bn2_moving_var
stage3_unit1_bn2_gamma
stage3_unit1_bn2_beta
slope392 RSHP [1,1,1,1]
stage3_unit1_bn2 BN [[32,256,28,28],[256],[256],[256]]
stage3_unit1_relu1 PRELU [[32,256,28,28],[1,1,1,1]]
stage3_unit1_conv2_weight
stage3_unit1_conv2 CONV [32,256,14,14]
stage3_unit1_bn3_gamma
stage3_unit1_bn3_beta
stage3_unit1_bn3_moving_mean
stage3_unit1_bn3_moving_var
stage3_unit1_bn3 BN [[32,256,14,14],[256],[256],[256]]
_plus16 ADD [32,256,14,14]
stage3_unit2_bn1_beta
stage3_unit2_bn1_moving_mean
stage3_unit2_bn1_moving_var
stage3_unit2_bn1_gamma
stage3_unit2_bn1 BN [[32,256,14,14],[256],[256],[256]]
stage3_unit2_conv1_weight
stage3_unit2_conv1 CONV [32,256,14,14]
reshape421
stage3_unit2_relu1_gamma
stage3_unit2_bn2_moving_mean
stage3_unit2_bn2_moving_var
stage3_unit2_bn2_gamma
stage3_unit2_bn2_beta
slope421 RSHP [1,1,1,1]
stage3_unit2_bn2 BN [[32,256,14,14],[256],[256],[256]]
stage3_unit2_relu1 PRELU [[32,256,14,14],[1,1,1,1]]
stage3_unit2_conv2_weight
stage3_unit2_conv2 CONV [32,256,14,14]
stage3_unit2_bn3_gamma
stage3_unit2_bn3_beta
stage3_unit2_bn3_moving_mean
stage3_unit2_bn3_moving_var
stage3_unit2_bn3 BN [[32,256,14,14],[256],[256],[256]]
_plus17 ADD [32,256,14,14]
stage3_unit3_bn1_beta
stage3_unit3_bn1_moving_mean
stage3_unit3_bn1_moving_var
stage3_unit3_bn1_gamma
stage3_unit3_bn1 BN [[32,256,14,14],[256],[256],[256]]
stage3_unit3_conv1_weight
stage3_unit3_conv1 CONV [32,256,14,14]
reshape443
stage3_unit3_relu1_gamma
stage3_unit3_bn2_moving_mean
stage3_unit3_bn2_moving_var
stage3_unit3_bn2_gamma
stage3_unit3_bn2_beta
slope443 RSHP [1,1,1,1]
stage3_unit3_bn2 BN [[32,256,14,14],[256],[256],[256]]
stage3_unit3_relu1 PRELU [[32,256,14,14],[1,1,1,1]]
stage3_unit3_conv2_weight
stage3_unit3_conv2 CONV [32,256,14,14]
stage3_unit3_bn3_gamma
stage3_unit3_bn3_beta
stage3_unit3_bn3_moving_mean
stage3_unit3_bn3_moving_var
stage3_unit3_bn3 BN


_plus18 ADD [32,256,14,14]
stage3_unit4_bn1 BN [[32,256,14,14],[256],[256],[256]]
stage3_unit4_conv1 CONV [32,256,14,14]
slope465 RSHP [1,1,1,1]
stage3_unit4_bn2 BN [[32,256,14,14],[256],[256],[256]]
stage3_unit4_relu1 PRELU [[32,256,14,14],[1,1,1,1]]
stage3_unit4_conv2 CONV [32,256,14,14]
stage3_unit4_bn3 BN [[32,256,14,14],[256],[256],[256]]
_plus19 ADD [32,256,14,14]
stage3_unit5_bn1 BN [[32,256,14,14],[256],[256],[256]]
stage3_unit5_conv1 CONV [32,256,14,14]
slope487 RSHP [1,1,1,1]
stage3_unit5_bn2 BN [[32,256,14,14],[256],[256],[256]]
stage3_unit5_relu1 PRELU [[32,256,14,14],[1,1,1,1]]
stage3_unit5_conv2 CONV [32,256,14,14]
stage3_unit5_bn3 BN [[32,256,14,14],[256],[256],[256]]
_plus20 ADD [32,256,14,14]
stage3_unit6_bn1 BN [[32,256,14,14],[256],[256],[256]]
stage3_unit6_conv1 CONV [32,256,14,14]
slope509 RSHP [1,1,1,1]
stage3_unit6_bn2 BN [[32,256,14,14],[256],[256],[256]]
stage3_unit6_relu1 PRELU [[32,256,14,14],[1,1,1,1]]
stage3_unit6_conv2 CONV [32,256,14,14]
stage3_unit6_bn3 BN [[32,256,14,14],[256],[256],[256]]
_plus21 ADD [32,256,14,14]
stage3_unit7_bn1 BN [[32,256,14,14],[256],[256],[256]]
stage3_unit7_conv1 CONV [32,256,14,14]
slope531 RSHP [1,1,1,1]
stage3_unit7_bn2 BN [[32,256,14,14],[256],[256],[256]]
stage3_unit7_relu1 PRELU [[32,256,14,14],[1,1,1,1]]
stage3_unit7_conv2 CONV [32,256,14,14]
stage3_unit7_bn3 BN [[32,256,14,14],[256],[256],[256]]
_plus22 ADD [32,256,14,14]
stage3_unit8_bn1 BN [[32,256,14,14],[256],[256],[256]]
stage3_unit8_conv1 CONV [32,256,14,14]
slope553 RSHP [1,1,1,1]
stage3_unit8_bn2 BN [[32,256,14,14],[256],[256],[256]]
stage3_unit8_relu1 PRELU [[32,256,14,14],[1,1,1,1]]
stage3_unit8_conv2 CONV [32,256,14,14]
stage3_unit8_bn3 BN [[32,256,14,14],[256],[256],[256]]
_plus23 ADD [32,256,14,14]
stage3_unit9_bn1 BN [[32,256,14,14],[256],[256],[256]]
stage3_unit9_conv1 CONV [32,256,14,14]
slope575 RSHP [1,1,1,1]
stage3_unit9_bn2 BN [[32,256,14,14],[256],[256],[256]]
stage3_unit9_relu1 PRELU [[32,256,14,14],[1,1,1,1]]
stage3_unit9_conv2 CONV [32,256,14,14]
stage3_unit9_bn3 BN [[32,256,14,14],[256],[256],[256]]
_plus24 ADD [32,256,14,14]
stage3_unit10_bn1 BN [[32,256,14,14],[256],[256],[256]]
stage3_unit10_conv1 CONV [32,256,14,14]
slope597 RSHP [1,1,1,1]
stage3_unit10_bn2 BN [[32,256,14,14],[256],[256],[256]]
stage3_unit10_relu1 PRELU [[32,256,14,14],[1,1,1,1]]
stage3_unit10_conv2 CONV [32,256,14,14]
stage3_unit10_bn3 BN [[32,256,14,14],[256],[256],[256]]
_plus25 ADD [32,256,14,14]
stage3_unit11_bn1 BN [[32,256,14,14],[256],[256],[256]]
stage3_unit11_conv1 CONV [32,256,14,14]
slope619 RSHP [1,1,1,1]
stage3_unit11_bn2 BN [[32,256,14,14],[256],[256],[256]]
stage3_unit11_relu1 PRELU [[32,256,14,14],[1,1,1,1]]
stage3_unit11_conv2 CONV [32,256,14,14]
stage3_unit11_bn3 BN [[32,256,14,14],[256],[256],[256]]
_plus26 ADD [32,256,14,14]
stage3_unit12_bn1 BN [[32,256,14,14],[256],[256],[256]]
stage3_unit12_conv1 CONV [32,256,14,14]
slope641 RSHP [1,1,1,1]
stage3_unit12_bn2 BN [[32,256,14,14],[256],[256],[256]]
stage3_unit12_relu1 PRELU [[32,256,14,14],[1,1,1,1]]
stage3_unit12_conv2 CONV [32,256,14,14]
stage3_unit12_bn3 BN [[32,256,14,14],[256],[256],[256]]
_plus27 ADD [32,256,14,14]
stage3_unit13_bn1 BN [[32,256,14,14],[256],[256],[256]]
stage3_unit13_conv1 CONV [32,256,14,14]
slope663 RSHP [1,1,1,1]
stage3_unit13_bn2 BN [[32,256,14,14],[256],[256],[256]]
stage3_unit13_relu1 PRELU [[32,256,14,14],[1,1,1,1]]
stage3_unit13_conv2 CONV [32,256,14,14]
stage3_unit13_bn3 BN [[32,256,14,14],[256],[256],[256]]


_plus28 ADD [32,256,14,14]
stage3_unit14_bn1_beta
stage3_unit14_bn1_moving_mean
stage3_unit14_bn1_moving_var
stage3_unit14_bn1_gamma
stage3_unit14_conv1_weight
stage3_unit14_bn1 BN [[32,256,14,14],[256],[256],[256]]
reshape685
stage3_unit14_relu1_gamma
stage3_unit14_bn2_moving_mean
stage3_unit14_bn2_moving_var
stage3_unit14_conv1 CONV [32,256,14,14]
stage3_unit14_bn2_gamma
stage3_unit14_bn2_beta
slope685 RSHP [1,1,1,1]
stage3_unit14_bn2 BN [[32,256,14,14],[256],[256],[256]]
stage3_unit14_conv2_weight
stage3_unit14_relu1 PRELU [[32,256,14,14],[1,1,1,1]]
stage3_unit14_bn3_gamma
stage3_unit14_bn3_beta
stage3_unit14_bn3_moving_mean
stage3_unit14_bn3_moving_var
stage3_unit14_conv2 CONV [32,256,14,14]
stage3_unit14_bn3 BN [[32,256,14,14],[256],[256],[256]]
_plus29 ADD [32,256,14,14]
stage3_unit15_bn1_beta
stage3_unit15_bn1_moving_mean
stage3_unit15_bn1_moving_var
stage3_unit15_bn1_gamma
stage3_unit15_conv1_weight
stage3_unit15_bn1 BN [[32,256,14,14],[256],[256],[256]]
reshape707
stage3_unit15_relu1_gamma
stage3_unit15_bn2_moving_mean
stage3_unit15_bn2_moving_var
stage3_unit15_conv1 CONV [32,256,14,14]
stage3_unit15_bn2_gamma
stage3_unit15_bn2_beta
slope707 RSHP [1,1,1,1]
stage3_unit15_bn2 BN [[32,256,14,14],[256],[256],[256]]
stage3_unit15_conv2_weight
stage3_unit15_relu1 PRELU [[32,256,14,14],[1,1,1,1]]
stage3_unit15_bn3_gamma
stage3_unit15_bn3_beta
stage3_unit15_bn3_moving_mean
stage3_unit15_bn3_moving_var
stage3_unit15_conv2 CONV [32,256,14,14]
stage3_unit15_bn3 BN [[32,256,14,14],[256],[256],[256]]
_plus30 ADD [32,256,14,14]
stage3_unit16_bn1_beta
stage3_unit16_bn1_moving_mean
stage3_unit16_bn1_moving_var
stage3_unit16_bn1_gamma
stage3_unit16_conv1_weight
stage3_unit16_bn1 BN [[32,256,14,14],[256],[256],[256]]
reshape729
stage3_unit16_relu1_gamma
stage3_unit16_bn2_moving_mean
stage3_unit16_bn2_moving_var
stage3_unit16_conv1 CONV [32,256,14,14]
stage3_unit16_bn2_gamma
stage3_unit16_bn2_beta
slope729 RSHP [1,1,1,1]
stage3_unit16_bn2 BN [[32,256,14,14],[256],[256],[256]]
stage3_unit16_conv2_weight
stage3_unit16_relu1 PRELU [[32,256,14,14],[1,1,1,1]]
stage3_unit16_bn3_gamma
stage3_unit16_bn3_beta
stage3_unit16_bn3_moving_mean
stage3_unit16_bn3_moving_var
stage3_unit16_conv2 CONV [32,256,14,14]
stage3_unit16_bn3 BN [[32,256,14,14],[256],[256],[256]]
_plus31 ADD [32,256,14,14]
stage3_unit17_bn1_beta
stage3_unit17_bn1_moving_mean
stage3_unit17_bn1_moving_var
stage3_unit17_bn1_gamma
stage3_unit17_conv1_weight
stage3_unit17_bn1 BN [[32,256,14,14],[256],[256],[256]]
reshape751
stage3_unit17_relu1_gamma
stage3_unit17_bn2_moving_mean
stage3_unit17_bn2_moving_var
stage3_unit17_conv1 CONV [32,256,14,14]
stage3_unit17_bn2_gamma
stage3_unit17_bn2_beta
slope751 RSHP [1,1,1,1]
stage3_unit17_bn2 BN [[32,256,14,14],[256],[256],[256]]
stage3_unit17_conv2_weight
stage3_unit17_relu1 PRELU [[32,256,14,14],[1,1,1,1]]
stage3_unit17_bn3_gamma
stage3_unit17_bn3_beta
stage3_unit17_bn3_moving_mean
stage3_unit17_bn3_moving_var
stage3_unit17_conv2 CONV [32,256,14,14]
stage3_unit17_bn3 BN [[32,256,14,14],[256],[256],[256]]
_plus32 ADD [32,256,14,14]
stage3_unit18_bn1_beta
stage3_unit18_bn1_moving_mean
stage3_unit18_bn1_moving_var
stage3_unit18_bn1_gamma
stage3_unit18_conv1_weight
stage3_unit18_bn1 BN [[32,256,14,14],[256],[256],[256]]
reshape773
stage3_unit18_relu1_gamma
stage3_unit18_bn2_moving_mean
stage3_unit18_bn2_moving_var
stage3_unit18_conv1 CONV [32,256,14,14]
stage3_unit18_bn2_gamma
stage3_unit18_bn2_beta
slope773 RSHP [1,1,1,1]
stage3_unit18_bn2 BN [[32,256,14,14],[256],[256],[256]]
stage3_unit18_conv2_weight
stage3_unit18_relu1 PRELU [[32,256,14,14],[1,1,1,1]]
stage3_unit18_bn3_gamma
stage3_unit18_bn3_beta
stage3_unit18_bn3_moving_mean
stage3_unit18_bn3_moving_var
stage3_unit18_conv2 CONV [32,256,14,14]
stage3_unit18_bn3 BN [[32,256,14,14],[256],[256],[256]]
_plus33 ADD [32,256,14,14]
stage3_unit19_bn1_beta
stage3_unit19_bn1_moving_mean
stage3_unit19_bn1_moving_var
stage3_unit19_bn1_gamma
stage3_unit19_conv1_weight
stage3_unit19_bn1 BN [[32,256,14,14],[256],[256],[256]]
reshape795
stage3_unit19_relu1_gamma
stage3_unit19_bn2_moving_mean
stage3_unit19_bn2_moving_var
stage3_unit19_conv1 CONV [32,256,14,14]
stage3_unit19_bn2_gamma
stage3_unit19_bn2_beta
slope795 RSHP [1,1,1,1]
stage3_unit19_bn2 BN [[32,256,14,14],[256],[256],[256]]
stage3_unit19_conv2_weight
stage3_unit19_relu1 PRELU [[32,256,14,14],[1,1,1,1]]
stage3_unit19_bn3_gamma
stage3_unit19_bn3_beta
stage3_unit19_bn3_moving_mean
stage3_unit19_bn3_moving_var
stage3_unit19_conv2 CONV [32,256,14,14]
stage3_unit19_bn3 BN [[32,256,14,14],[256],[256],[256]]
_plus34 ADD [32,256,14,14]
stage3_unit20_bn1_beta
stage3_unit20_bn1_moving_mean
stage3_unit20_bn1_moving_var
stage3_unit20_bn1_gamma
stage3_unit20_conv1_weight
stage3_unit20_bn1 BN [[32,256,14,14],[256],[256],[256]]
reshape817
stage3_unit20_relu1_gamma
stage3_unit20_bn2_moving_mean
stage3_unit20_bn2_moving_var
stage3_unit20_conv1 CONV [32,256,14,14]
stage3_unit20_bn2_gamma
stage3_unit20_bn2_beta
slope817 RSHP [1,1,1,1]
stage3_unit20_bn2 BN [[32,256,14,14],[256],[256],[256]]
stage3_unit20_conv2_weight
stage3_unit20_relu1 PRELU [[32,256,14,14],[1,1,1,1]]
stage3_unit20_bn3_gamma
stage3_unit20_bn3_beta
stage3_unit20_bn3_moving_mean
stage3_unit20_bn3_moving_var
stage3_unit20_conv2 CONV [32,256,14,14]
stage3_unit20_bn3 BN [[32,256,14,14],[256],[256],[256]]
_plus35 ADD [32,256,14,14]
stage3_unit21_bn1_beta
stage3_unit21_bn1_moving_mean
stage3_unit21_bn1_moving_var
stage3_unit21_bn1_gamma
stage3_unit21_conv1_weight
stage3_unit21_bn1 BN [[32,256,14,14],[256],[256],[256]]
reshape839
stage3_unit21_relu1_gamma
stage3_unit21_bn2_moving_mean
stage3_unit21_bn2_moving_var
stage3_unit21_conv1 CONV [32,256,14,14]
stage3_unit21_bn2_gamma
stage3_unit21_bn2_beta
slope839 RSHP [1,1,1,1]
stage3_unit21_bn2 BN [[32,256,14,14],[256],[256],[256]]
stage3_unit21_conv2_weight
stage3_unit21_relu1 PRELU [[32,256,14,14],[1,1,1,1]]
stage3_unit21_bn3_gamma
stage3_unit21_bn3_beta
stage3_unit21_bn3_moving_mean
stage3_unit21_bn3_moving_var
stage3_unit21_conv2 CONV [32,256,14,14]
stage3_unit21_bn3 BN [[32,256,14,14],[256],[256],[256]]
_plus36 ADD [32,256,14,14]
stage3_unit22_bn1_beta
stage3_unit22_bn1_moving_mean
stage3_unit22_bn1_moving_var
stage3_unit22_bn1_gamma
stage3_unit22_conv1_weight
stage3_unit22_bn1 BN [[32,256,14,14],[256],[256],[256]]
reshape861
stage3_unit22_relu1_gamma
stage3_unit22_bn2_moving_mean
stage3_unit22_bn2_moving_var
stage3_unit22_conv1 CONV [32,256,14,14]
stage3_unit22_bn2_gamma
stage3_unit22_bn2_beta
slope861 RSHP [1,1,1,1]
stage3_unit22_bn2 BN [[32,256,14,14],[256],[256],[256]]
stage3_unit22_conv2_weight
stage3_unit22_relu1 PRELU [[32,256,14,14],[1,1,1,1]]
stage3_unit22_bn3_gamma
stage3_unit22_bn3_beta
stage3_unit22_bn3_moving_mean
stage3_unit22_bn3_moving_var
stage3_unit22_conv2 CONV [32,256,14,14]
stage3_unit22_bn3 BN [[32,256,14,14],[256],[256],[256]]


_plus37 ADD [32,256,14,14]
stage3_unit23_bn1_beta
stage3_unit23_bn1_moving_mean
stage3_unit23_bn1_moving_var
stage3_unit23_bn1_gamma
stage3_unit23_conv1_weight
stage3_unit23_bn1 BN [[32,256,14,14],[256],[256],[256]]
reshape883
stage3_unit23_relu1_gamma
stage3_unit23_bn2_moving_mean
stage3_unit23_bn2_moving_var
stage3_unit23_conv1 CONV [32,256,14,14]
stage3_unit23_bn2_gamma
stage3_unit23_bn2_beta
slope883 RSHP [1,1,1,1]
stage3_unit23_bn2 BN [[32,256,14,14],[256],[256],[256]]
stage3_unit23_conv2_weight
stage3_unit23_relu1 PRELU [[32,256,14,14],[1,1,1,1]]
stage3_unit23_bn3_gamma
stage3_unit23_bn3_beta
stage3_unit23_bn3_moving_mean
stage3_unit23_bn3_moving_var
stage3_unit23_conv2 CONV [32,256,14,14]
stage3_unit23_bn3 BN [[32,256,14,14],[256],[256],[256]]
_plus38 ADD [32,256,14,14]
stage3_unit24_bn1_beta
stage3_unit24_bn1_moving_mean
stage3_unit24_bn1_moving_var
stage3_unit24_bn1_gamma
stage3_unit24_conv1_weight
stage3_unit24_bn1 BN [[32,256,14,14],[256],[256],[256]]
reshape905
stage3_unit24_relu1_gamma
stage3_unit24_bn2_moving_mean
stage3_unit24_bn2_moving_var
stage3_unit24_conv1 CONV [32,256,14,14]
stage3_unit24_bn2_gamma
stage3_unit24_bn2_beta
slope905 RSHP [1,1,1,1]
stage3_unit24_bn2 BN [[32,256,14,14],[256],[256],[256]]
stage3_unit24_conv2_weight
stage3_unit24_relu1 PRELU [[32,256,14,14],[1,1,1,1]]
stage3_unit24_bn3_gamma
stage3_unit24_bn3_beta
stage3_unit24_bn3_moving_mean
stage3_unit24_bn3_moving_var
stage3_unit24_conv2 CONV [32,256,14,14]
stage3_unit24_bn3 BN [[32,256,14,14],[256],[256],[256]]
_plus39 ADD [32,256,14,14]
stage3_unit25_bn1_beta
stage3_unit25_bn1_moving_mean
stage3_unit25_bn1_moving_var
stage3_unit25_bn1_gamma
stage3_unit25_conv1_weight
stage3_unit25_bn1 BN [[32,256,14,14],[256],[256],[256]]
reshape927
stage3_unit25_relu1_gamma
stage3_unit25_bn2_moving_mean
stage3_unit25_bn2_moving_var
stage3_unit25_conv1 CONV [32,256,14,14]
stage3_unit25_bn2_gamma
stage3_unit25_bn2_beta
slope927 RSHP [1,1,1,1]
stage3_unit25_bn2 BN [[32,256,14,14],[256],[256],[256]]
stage3_unit25_conv2_weight
stage3_unit25_relu1 PRELU [[32,256,14,14],[1,1,1,1]]
stage3_unit25_bn3_gamma
stage3_unit25_bn3_beta
stage3_unit25_bn3_moving_mean
stage3_unit25_bn3_moving_var
stage3_unit25_conv2 CONV [32,256,14,14]
stage3_unit25_bn3 BN [[32,256,14,14],[256],[256],[256]]
_plus40 ADD [32,256,14,14]
stage3_unit26_bn1_beta
stage3_unit26_bn1_moving_mean
stage3_unit26_bn1_moving_var
stage3_unit26_bn1_gamma
stage3_unit26_conv1_weight
stage3_unit26_bn1 BN [[32,256,14,14],[256],[256],[256]]
reshape949
stage3_unit26_relu1_gamma
stage3_unit26_bn2_moving_mean
stage3_unit26_bn2_moving_var
stage3_unit26_conv1 CONV [32,256,14,14]
stage3_unit26_bn2_gamma
stage3_unit26_bn2_beta
slope949 RSHP [1,1,1,1]
stage3_unit26_bn2 BN [[32,256,14,14],[256],[256],[256]]
stage3_unit26_conv2_weight
stage3_unit26_relu1 PRELU [[32,256,14,14],[1,1,1,1]]
stage3_unit26_bn3_gamma
stage3_unit26_bn3_beta
stage3_unit26_bn3_moving_mean
stage3_unit26_bn3_moving_var
stage3_unit26_conv2 CONV [32,256,14,14]
stage3_unit26_bn3 BN [[32,256,14,14],[256],[256],[256]]
_plus41 ADD [32,256,14,14]
stage3_unit27_bn1_beta
stage3_unit27_bn1_moving_mean
stage3_unit27_bn1_moving_var
stage3_unit27_bn1_gamma
stage3_unit27_conv1_weight
stage3_unit27_bn1 BN [[32,256,14,14],[256],[256],[256]]
reshape971
stage3_unit27_relu1_gamma
stage3_unit27_bn2_moving_mean
stage3_unit27_bn2_moving_var
stage3_unit27_conv1 CONV [32,256,14,14]
stage3_unit27_bn2_gamma
stage3_unit27_bn2_beta
slope971 RSHP [1,1,1,1]
stage3_unit27_bn2 BN [[32,256,14,14],[256],[256],[256]]
stage3_unit27_conv2_weight
stage3_unit27_relu1 PRELU [[32,256,14,14],[1,1,1,1]]
stage3_unit27_bn3_gamma
stage3_unit27_bn3_beta
stage3_unit27_bn3_moving_mean
stage3_unit27_bn3_moving_var
stage3_unit27_conv2 CONV [32,256,14,14]
stage3_unit27_bn3 BN [[32,256,14,14],[256],[256],[256]]
_plus42 ADD [32,256,14,14]
stage3_unit28_bn1_beta
stage3_unit28_bn1_moving_mean
stage3_unit28_bn1_moving_var
stage3_unit28_bn1_gamma
stage3_unit28_conv1_weight
stage3_unit28_bn1 BN [[32,256,14,14],[256],[256],[256]]
reshape993
stage3_unit28_relu1_gamma
stage3_unit28_bn2_moving_mean
stage3_unit28_bn2_moving_var
stage3_unit28_conv1 CONV [32,256,14,14]
stage3_unit28_bn2_gamma
stage3_unit28_bn2_beta
slope993 RSHP [1,1,1,1]
stage3_unit28_bn2 BN [[32,256,14,14],[256],[256],[256]]
stage3_unit28_conv2_weight
stage3_unit28_relu1 PRELU [[32,256,14,14],[1,1,1,1]]
stage3_unit28_bn3_gamma
stage3_unit28_bn3_beta
stage3_unit28_bn3_moving_mean
stage3_unit28_bn3_moving_var
stage3_unit28_conv2 CONV [32,256,14,14]
stage3_unit28_bn3 BN [[32,256,14,14],[256],[256],[256]]
_plus43 ADD [32,256,14,14]
stage3_unit29_bn1_beta
stage3_unit29_bn1_moving_mean
stage3_unit29_bn1_moving_var
stage3_unit29_bn1_gamma
stage3_unit29_conv1_weight
stage3_unit29_bn1 BN [[32,256,14,14],[256],[256],[256]]
reshape1015
stage3_unit29_relu1_gamma
stage3_unit29_bn2_moving_mean
stage3_unit29_bn2_moving_var
stage3_unit29_conv1 CONV [32,256,14,14]
stage3_unit29_bn2_gamma
stage3_unit29_bn2_beta
slope1015 RSHP [1,1,1,1]
stage3_unit29_bn2 BN [[32,256,14,14],[256],[256],[256]]
stage3_unit29_conv2_weight
stage3_unit29_relu1 PRELU [[32,256,14,14],[1,1,1,1]]
stage3_unit29_bn3_gamma
stage3_unit29_bn3_beta
stage3_unit29_bn3_moving_mean
stage3_unit29_bn3_moving_var
stage3_unit29_conv2 CONV [32,256,14,14]
stage3_unit29_bn3 BN [[32,256,14,14],[256],[256],[256]]
_plus44 ADD [32,256,14,14]
stage3_unit30_bn1_beta
stage3_unit30_bn1_moving_mean
stage3_unit30_bn1_moving_var
stage3_unit30_bn1_gamma
stage3_unit30_conv1_weight
stage3_unit30_bn1 BN [[32,256,14,14],[256],[256],[256]]
reshape1037
stage3_unit30_relu1_gamma
stage3_unit30_bn2_moving_mean
stage3_unit30_bn2_moving_var
stage3_unit30_conv1 CONV [32,256,14,14]
stage3_unit30_bn2_gamma
stage3_unit30_bn2_beta
slope1037 RSHP [1,1,1,1]
stage3_unit30_bn2 BN [[32,256,14,14],[256],[256],[256]]
stage3_unit30_conv2_weight
stage3_unit30_relu1 PRELU [[32,256,14,14],[1,1,1,1]]
stage3_unit30_bn3_gamma
stage3_unit30_bn3_beta
stage3_unit30_bn3_moving_mean
stage3_unit30_bn3_moving_var
stage3_unit30_conv2 CONV [32,256,14,14]
stage3_unit30_bn3 BN [[32,256,14,14],[256],[256],[256]]
_plus45 ADD [32,256,14,14]
stage4_unit1_conv1sc_weight
stage4_unit1_conv1sc CONV [32,512,7,7]
stage4_unit1_sc_gamma
stage4_unit1_sc_beta
stage4_unit1_sc_moving_mean
stage4_unit1_sc_moving_var
stage4_unit1_sc BN [[32,512,7,7],[512],[512],[512]]
stage4_unit1_bn1_beta
stage4_unit1_bn1_moving_mean
stage4_unit1_bn1_moving_var
stage4_unit1_bn1_gamma
stage4_unit1_conv1_weight
stage4_unit1_bn1 BN [[32,256,14,14],[256],[256],[256]]
reshape1059
stage4_unit1_relu1_gamma
stage4_unit1_bn2_moving_mean
stage4_unit1_bn2_moving_var
stage4_unit1_conv1 CONV [32,512,14,14]
stage4_unit1_bn2_gamma
stage4_unit1_bn2_beta
slope1059 RSHP [1,1,1,1]
stage4_unit1_bn2 BN [[32,512,14,14],[512],[512],[512]]
stage4_unit1_conv2_weight
stage4_unit1_relu1 PRELU [[32,512,14,14],[1,1,1,1]]
stage4_unit1_bn3_gamma
stage4_unit1_bn3_beta
stage4_unit1_bn3_moving_mean
stage4_unit1_bn3_moving_var
stage4_unit1_conv2 CONV [32,512,7,7]
stage4_unit1_bn3 BN [[32,512,7,7],[512],[512],[512]]
_plus46 ADD [32,512,7,7]
stage4_unit2_bn1_beta
stage4_unit2_bn1_moving_mean
stage4_unit2_bn1_moving_var
stage4_unit2_bn1_gamma
stage4_unit2_conv1_weight
stage4_unit2_bn1 BN [[32,512,7,7],[512],[512],[512]]
reshape1088
stage4_unit2_relu1_gamma
stage4_unit2_bn2_moving_mean
stage4_unit2_bn2_moving_var
stage4_unit2_conv1 CONV [32,512,7,7]
stage4_unit2_bn2_gamma
stage4_unit2_bn2_beta
slope1088 RSHP [1,1,1,1]
stage4_unit2_bn2 BN [[32,512,7,7],[512],[512],[512]]
stage4_unit2_conv2_weight
stage4_unit2_relu1 PRELU [[32,512,7,7],[1,1,1,1]]
stage4_unit2_bn3_gamma
stage4_unit2_bn3_beta
stage4_unit2_bn3_moving_mean
stage4_unit2_bn3_moving_var
stage4_unit2_conv2 CONV [32,512,7,7]
stage4_unit2_bn3 BN [[32,512,7,7],[512],[512],[512]]
_plus47 ADD [32,512,7,7]
stage4_unit3_bn1_beta
stage4_unit3_bn1_moving_mean
stage4_unit3_bn1_moving_var
stage4_unit3_bn1_gamma
stage4_unit3_conv1_weight
stage4_unit3_bn1 BN [[32,512,7,7],[512],[512],[512]]
reshape1110
stage4_unit3_relu1_gamma
stage4_unit3_bn2_moving_mean
stage4_unit3_bn2_moving_var
stage4_unit3_conv1 CONV [32,512,7,7]
stage4_unit3_bn2_gamma
stage4_unit3_bn2_beta
slope1110 RSHP [1,1,1,1]
stage4_unit3_bn2 BN [[32,512,7,7],[512],[512],[512]]
stage4_unit3_conv2_weight
stage4_unit3_relu1 PRELU [[32,512,7,7],[1,1,1,1]]
stage4_unit3_bn3_gamma
stage4_unit3_bn3_beta
stage4_unit3_bn3_moving_mean
stage4_unit3_bn3_moving_var
stage4_unit3_conv2 CONV [32,512,7,7]
stage4_unit3_bn3 BN [[32,512,7,7],[512],[512],[512]]
_plus48 ADD [32,512,7,7]
bn1_gamma
bn1_beta
bn1_moving_mean
bn1_moving_var
bn1 BN [[32,512,7,7],[512],[512],[512]]
dropout0 DRP [32,512,7,7]
flatten_1127 FLT [32,512,7,7]
pre_fc1_weight
pre_fc1_bias
pre_fc1 GEMM [32,512]
fc1_gamma
fc1_beta
fc1_moving_mean
fc1_moving_var
fc1 BN [[32,512],[512],[512],[512]]