a\Anaconda	ize([1, 3, 224, 224]) 	Layer (type)	Conv2d-1 [-1, 16, 112, 112]	BatchNorm2d-2 [-1, 16, 112, 112] 32	Swish-3 [-1, 16, 112, 112] 0	ConvModule-4 [-1, 16, 112, 112] 0	Conv2d-5 [-1, 64, 112, 112] 1,024	BatchNorm2d-6 [-1, 64, 112, 112] 128	Swish-7 [-1, 64, 112, 112] 0	ConvModule-8 [-1, 64, 112, 112] 0	Conv2d-9 [-1, 64, 112, 112] 576	BatchNorm2d-10 [-1, 64, 112, 112] 128	Swish-11 [-1, 64, 112, 112] 0	ConvModule-12 [-1, 64, 112, 112] 0	Conv2d-13 [-1, 32, 112, 112] 2,048	atchNorm2d-14 [-1, 32, 112, 112] 64	ConvModule-15 [-1, 32, 112, 112] 0	eAvgPool2d-16 [-1, 32, 1, 1] 0	Conv2d-17 [-1, 2, 1, 1] 66	ReLU-18 [-1, 2, 1, 1] 0	Conv2d-19 [-1, 32, 1, 1] 96	Sigmoid-20 [-1, 32, 1, 1] 0	
D:\ProgramData\Ana backbone.py	orch.Size([1, 3, 	Layer	 	BatchNorm2d	Swish	ConvModule	Conv2d	BatchNorm2d	Swish	ConvModule	Conv2d	BatchNorm2d-	Swish	ConvModule	Conv2d-	BatchNorm2d-	ConvModule-	AdaptiveAvgPool2d-	Conv2d-			Sigmoid-	
1 D	2 t 3 -		ر د ع	7	œ	6	10	11	12	13	14	15	16	17	18	19	20	21 A	22	23	24	25	

27 InvertedResidual-22 [-1, 32, 112, 112] 4,096 28 Conv2d-23 [-1, 128, 112, 112] 4,096 29 BatchNorm2d-24 [-1, 128, 112, 112] 256 30 Swish-25 [-1, 128, 112, 112] 0 31 ConvModule-26 [-1, 128, 112, 112] 0 32 ConvModule-28 [-1, 128, 56, 56] 1,152 33 BatchNorm2d-28 [-1, 128, 56, 56] 0 34 Swish-29 [-1, 128, 56, 56] 0 35 ConvModule-36 [-1, 128, 56, 56] 0 36 ConvModule-37 [-1, 48, 56, 56] 0 37 BatchNorm2d-32 [-1, 48, 56, 56] 0 38 ConvModule-33 [-1, 48, 1, 1] 0 40 Conv2d-35 [-1, 48, 1, 1] 0 41 RelU-36 [-1, 48, 1, 1] 0 42 Sigmoid-38 [-1, 48, 1, 1] 0 43 Sigmoid-38 [-1, 48, 1, 1] 0 44 SEBLOck-39 [-1, 48, 1, 1] 0 45 Sigmoid-38 [-1, 48, 1, 1] 0 46 Conv2d-41 [-1, 48, 56, 56] 0 47 BatchNorm2d-42 [-1, 192, 56, 56] 0 48 ConvModule-44 [-1, 192, 56, 56] 0 49 ConvModule-44 [-1, 192, 56, 56] 0 51 BatchNorm2d-45 [-1, 192, 56, 56] 0 52 ConvModule-48 [-1, 192, 56, 56] 0 53 ConvModule-48 [-1, 192, 56, 56] 0 54 Swish-47 [-1, 192, 56, 56] 0 55 ConvModule-48 [-1, 192, 56, 56] 0 56 ConvModule-48 [-1, 192, 56, 56] 0 57 ConvModule-48 [-1, 192, 56, 56] 0 58 ConvModule-48 [-1, 192, 56, 56] 0 59 ConvModule-48 [-1, 192, 56, 56] 0 50 ConvModule-48 [-1, 192, 56, 56] 0 51 ConvModule-48 [-1, 192, 56, 56] 0 52 ConvModule-48 [-1, 192, 56, 56] 0 53 ConvModule-48 [-1, 192, 56, 56] 0 54 ConvModule-48 [-1, 192, 56, 56] 0 55 ConvModule-48 [-1, 192, 56, 56] 0 56 ConvModule-48 [-1, 192, 56, 56] 0 57 ConvModule-48 [-1, 192, 56, 56] 0 58 ConvModule-48 [-1, 192, 56, 56] 0 59 ConvModule-48 [-1, 192, 56, 56] 0 50 ConvModule-49 [-1, 192, 56, 56] 0 50 ConvModule-40 [-1, 192, 56, 56] 0 50 ConvMo					
BatchNorm2d-23 [-1, 128, 112, 112] 4,09 BatchNorm2d-24 [-1, 128, 112, 112] 25 Swish-25 [-1, 128, 112, 112] 25 Conv2d-27 [-1, 128, 56, 56] 1,15 Swish-29 [-1, 128, 56, 56] 25 Conv2d-31 [-1, 48, 56, 56] 6,14 Conv2d-32 [-1, 48, 56, 56] 6,14 Conv2d-34 [-1, 48, 1, 1] 14 RelU-36 [-1, 48, 1, 1] 19 Sigmoid-38 [-1, 48, 1, 1] 19 Sigmoid-38 [-1, 48, 1, 1] 19 Sigmoid-38 [-1, 48, 56, 56] 6,14 Conv2d-41 [-1, 48, 56, 56] 9,21 Conv2d-42 [-1, 192, 56, 56] 88 Swish-43 [-1, 192, 56, 56] 6 Conv2d-45 [-1, 192, 56, 56] 7,72 BatchNorm2d-45 [-1, 192, 56, 56] 88 Swish-47 [-1, 192, 56, 56] 88 ConvModule-48 [-1, 192, 56, 56] 88 Swish-47 [-1, 192, 56, 56] 88 ConvModule-48 [-1, 192, 56, 56] 65		-2	1, 32, 112, 11	0	
BatchNorm2d-24 [-1, 128, 112, 112] Swish-25 [-1, 128, 112, 112] ConvModule-26 [-1, 128, 112, 112] Conv2d-27 [-1, 128, 56, 56] Swish-29 [-1, 128, 56, 56] ConvModule-30 [-1, 128, 56, 56] ConvModule-32 [-1, 48, 56, 56] ConvModule-33 [-1, 48, 56, 56] Conv2d-34 [-1, 48, 1, 1] ReLU-36 [-1, 48, 1, 1] Conv2d-37 [-1, 48, 1, 1] Sigmoid-38 [-1, 48, 1, 1] Sigmoid-38 [-1, 48, 1, 1] Sigmoid-38 [-1, 48, 1, 1] Shish-40 [-1, 192, 56, 56] Conv2d-41 [-1, 192, 56, 56] Swish-42 [-1, 192, 56, 56] Conv2d-45 [-1, 192, 56, 56] Swish-45 [-1, 192, 56, 56] Swish-47 [-1, 192, 56, 56]	∞	- 1	1, 128, 112, 1	60′	
Swish-25 [-1, 128, 112, 112] ConvModule-26 [-1, 128, 112, 112] Conv2d-27 [-1, 128, 56, 56] Swish-29 [-1, 128, 56, 56] ConvModule-30 [-1, 128, 56, 56] Conv2d-31 [-1, 48, 56, 56] ConvModule-33 [-1, 48, 56, 56] ConvAdDOCL2d-34 [-1, 48, 1, 1] ReLU-36 [-1, 48, 1, 1] Conv2d-37 [-1, 48, 1, 1] ReLU-36 [-1, 48, 1, 1] Sigmoid-38 [-1, 48, 56, 56] Conv2d-47 [-1, 48, 56, 56] Sigmoid-38 [-1, 48, 56, 56] Conv2d-41 [-1, 48, 56, 56] Swish-42 [-1, 192, 56, 56] Conv2d-42 [-1, 192, 56, 56] ConvModule-44 [-1, 192, 56, 56] Conv2d-45 [-1, 192, 56, 56] Conv2d-45 [-1, 192, 56, 56] ConvModule-44 [-1, 192, 56, 56] Conv2d-45 [-1, 192, 56, 56] Swish-47 [-1, 192, 56, 56] ConvModule-48 [-1, 192, 56, 56]		- 1	-1, 128, 112, 1	256	
ConvModule-26 [-1, 128, 112, 112] Conv2d-27 [-1, 128, 56, 56] Swish-29 [-1, 128, 56, 56] ConvModule-30 [-1, 128, 56, 56] Conv2d-31 [-1, 48, 56, 56] Conv2d-32 [-1, 48, 56, 56] ConvModule-33 [-1, 48, 1, 1] AdaptiveAvgPool2d-34 [-1, 48, 1, 1] Conv2d-35 [-1, 48, 1, 1] Relu-36 [-1, 48, 1, 1] Sigmoid-38 [-1, 48, 1, 1] Sigmoid-38 [-1, 48, 56, 56] Conv2d-41 [-1, 48, 56, 56] Swish-42 [-1, 48, 56, 56] Conv2d-41 [-1, 48, 56, 56] Swish-43 [-1, 192, 56, 56] ConvModule-44 [-1, 192, 56, 56] Swish-47 [-1, 192, 56, 56] Swish-47 [-1, 192, 56, 56] ConvModule-48 [-1, 192, 56, 56] ConvModule-48 [-1, 192, 56, 56] Swish-47 [-1, 192, 56, 56] ConvModule-48 [-1, 192, 56, 56] ConvModule-48 [-1, 192, 56, 56]		-2	-1, 128, 112, 1	0	
Conv2d-27 [-1, 128, 56, 56] Swish-29 [-1, 128, 56, 56] ConvModule-30 [-1, 128, 56, 56] Conv2d-31 [-1, 48, 56, 56] ConvAdule-33 [-1, 48, 56, 56] ConvAdule-33 [-1, 48, 56, 56] ConvAdule-33 [-1, 48, 1, 1] AdaptiveAvgPool2d-34 [-1, 48, 1, 1] ReLU-36 [-1, 48, 1, 1] Rell-36 [-1, 48, 1, 1] Sigmoid-38 [-1, 48, 1, 1] SEBlock-39 [-1, 48, 56, 56] InvertedResidual-40 [-1, 48, 56, 56] Conv2d-41 [-1, 48, 56, 56] [-1, 48, 56, 56] [-1, 192, 56, 56] Swish-43 [-1, 192, 56, 56] Swish-44 [-1, 192, 56, 56] Swish-47 [-1, 192, 56, 56]	T	-2	-1, 128, 112, 1	0	
BatchNorm2d-28 [-1, 128, 56, 56] Swish-29 [-1, 128, 56, 56] ConvModule-30 [-1, 48, 56, 56] Conv2d-31 [-1, 48, 56, 56] ConvModule-33 [-1, 48, 56, 56] ConvModule-33 [-1, 48, 1, 1] ReLU-36 [-1, 3, 1, 1] Conv2d-37 [-1, 48, 1, 1] Sigmoid-38 [-1, 48, 1, 1] SEBLock-39 [-1, 48, 56, 56] Conv2d-41 [-1, 48, 56, 56] Sigmoid-40 [-1, 48, 56, 56] Conv2d-41 [-1, 192, 56, 56] Swish-42 [-1, 192, 56, 56] ConvModule-44 [-1, 192, 56, 56] Swish-44 [-1, 192, 56, 56] Swish-45 [-1, 192, 56, 56] Swish-47 [-1, 192, 56, 56]		-2	28, 56, 5	, 15	
Swish-29 [-1, 128, 56, 56] ConvModule-30 [-1, 48, 56, 56] Conv2d-31 [-1, 48, 56, 56] ConvModule-33 [-1, 48, 56, 56] ConvModule-33 [-1, 48, 1, 1] ReLU-36 [-1, 3, 1, 1] Conv2d-37 [-1, 48, 1, 1] Sigmoid-38 [-1, 48, 1, 1] SEBLock-39 [-1, 48, 56, 56] Conv2d-41 [-1, 48, 56, 56] Swish-42 [-1, 192, 56, 56] ConvModule-44 [-1, 192, 56, 56] ConvModule-44 [-1, 192, 56, 56] ConvModule-44 [-1, 192, 56, 56] Swish-45 [-1, 192, 56, 56] Swish-47 [-1, 192, 56, 56]		- 1	28, 56, 5	2	
ConvModule-30 [-1, 128, 56, 56] 6,14 BatchNorm2d-32 [-1, 48, 56, 56] 6,14 BatchNorm2d-32 [-1, 48, 56, 56] 9 ConvModule-33 [-1, 48, 1, 1] 14 RelU-36 [-1, 3, 1, 1] 19 Sigmoid-38 [-1, 48, 56, 56] 9,21 BatchNorm2d-42 [-1, 192, 56, 56] 9,21 Conv2d-45 [-1, 192, 56, 56] 1,72 BatchNorm2d-45 [-1, 192, 56, 56] 1,72 BatchNorm2d-46 [-1, 192, 56, 56] 38 Swish-47 [-1, 192, 56, 56] 38 Swish-47 [-1, 192, 56, 56] 1,72 ConvModule-48 [-1, 192, 56, 56] 28		- 1	., 128, 56, 5	0	
Conv2d-31 [-1, 48, 56, 56] 6,14 BatchNorm2d-32 [-1, 48, 56, 56] 9 ConvModule-33 [-1, 48, 1, 1] 14 Conv2d-35 [-1, 48, 1, 1] 14 ReLU-36 [-1, 3, 1, 1] 19 Sigmoid-38 [-1, 48, 1, 1] 19 Sigmoid-38 [-1, 48, 1, 1] 19 SEBLock-39 [-1, 48, 56, 56] 19,21 Conv2d-41 [-1, 48, 56, 56] 9,21 BatchNorm2d-42 [-1, 192, 56, 56] 38 Swish-43 [-1, 192, 56, 56] 1,72 BatchNorm2d-44 [-1, 192, 56, 56] 1,72 BatchNorm2d-45 [-1, 192, 56, 56] 1,72 ConvModule-44 [-1, 192, 56, 56] 1,72 BatchNorm2d-45 [-1, 192, 56, 56] 38 Swish-47 [-1, 192, 56, 56] 38 Swish-47 [-1, 192, 56, 56] [-1,		- 1	8, 56, 5	0	
BatchNorm2d-32 [-1, 48, 56, 56] 9 ConvModule-33 [-1, 48, 56, 56] AdaptiveAvgPool2d-34 [-1, 48, 1, 1] Conv2d-35 [-1, 48, 1, 1] ReLU-36 [-1, 48, 1, 1] Conv2d-37 [-1, 48, 56, 56] Sigmoid-38 [-1, 48, 56, 56] InvertedResidual-40 [-1, 48, 56, 56] Conv2d-41 [-1, 192, 56, 56] Swish-43 [-1, 192, 56, 56] ConvModule-44 [-1, 192, 56, 56] Conv2d-45 [-1, 192, 56, 56] Conv2d-45 [-1, 192, 56, 56] Swish-47 [-1, 192, 56, 56] ConvModule-48 [-1, 192, 56, 56]	9	-3	8, 56, 5	, 14	
ConvModule-33 [-1, 48, 56, 56] AdaptiveAvgPool2d-34 [-1, 48, 1, 1] Conv2d-35 [-1, 3, 1, 1] ReLU-36 [-1, 3, 1, 1] Sigmoid-38 [-1, 48, 1, 1] SEBlock-39 [-1, 48, 56, 56] Conv2d-41 [-1, 192, 56, 56] Swish-42 [-1, 192, 56, 56] ConvModule-44 [-1, 192, 56, 56] Conv2d-45 [-1, 192, 56, 56] ConvModule-44 [-1, 192, 56, 56] Swish-47 [-1, 192, 56, 56] Swish-47 [-1, 192, 56, 56] ConvModule-48 [-1, 192, 56, 56] ConvModule-48 [-1, 192, 56, 56] ConvModule-48 [-1, 192, 56, 56]	7	- 1	., 48, 56, 5		
AdaptiveAvgPool2d-34	∞	-3	., 48, 56, 5	0	
Conv2d-35 ReLU-36 ReLU-36 Conv2d-37 Sigmoid-38 Sigmoid-40 Sigmoid-40 Sigmoid-41 Sigmoid-42 Sigmoid-42 Sigmoid-43 Sigmoid-44 Sigmoid-45 Sigmoid-45 Sigmoid-45 Sigmoid-45 Sigmoid-45 Sigmoid-46 Sigmoid-46 Sigmoid-46 Sigmoid-47 Sigmoid-48 Sigmoid-48 Sigmoid-49 Sigmoid-49 Sigmoid-49 Sigmoid-49 Sigmoid-49 Sigmoid-49 Sigmoid-49 Sigmoid-49 Sigmoid-38		- 1	, 48, 1,	0	
ReLU-36 [-1, 3, 1, 1] Sigmoid-37 [-1, 48, 1, 1] Sigmoid-38 [-1, 48, 1, 1] SEBlock-39 [-1, 48, 56, 56] [-1, 48, 56, 56] [-1, 192, 56, 56] Swish-42 [-1, 192, 56, 56] Swish-43 [-1, 192, 56, 56] Conv2d-45 [-1, 192, 56, 56] Conv2d-45 [-1, 192, 56, 56] Swish-47 [-1, 192, 56, 56]		- 1	1, 3, 1,	7	
Conv2d-37 [-1, 48, 1, 1] 19 Sigmoid-38 [-1, 48, 1, 1] SEBLock-39 [-1, 48, 56, 56] Conv2d-41 [-1, 192, 56, 56] Swish-42 [-1, 192, 56, 56] ConvModule-44 [-1, 192, 56, 56] ConvZd-45 [-1, 192, 56, 56] ConvZd-45 [-1, 192, 56, 56] Swish-47 [-1, 192, 56, 56] Swish-47 [-1, 192, 56, 56] ConvModule-48 [-1, 192, 56, 56] Swish-47 [-1, 192, 56, 56]	7	- 1	1, 3, 1,	0	
Sigmoid-38 [-1, 48, 1, 1] SEBlock-39 [-1, 48, 56, 56] [-1, 48, 56, 56] [-1, 192, 56, 56] Swish-42 [-1, 192, 56, 56] Swish-43 [-1, 192, 56, 56] ConvModule-44 [-1, 192, 56, 56] Conv2d-45 [-1, 192, 56, 56] Swish-47 [-1, 192, 56, 56]	2	- 1	, 48, 1,	6	
SEBlock-39 [-1, 48, 56, 56] InvertedResidual-40 [-1, 48, 56, 56] Conv2d-41 [-1, 192, 56, 56] Swish-42 [-1, 192, 56, 56] ConvModule-44 [-1, 192, 56, 56] Conv2d-45 [-1, 192, 56, 56] Swish-47 [-1, 192, 56, 56] Swish-47 [-1, 192, 56, 56] ConvModule-48 [-1, 192, 56, 56]	23	- 1	., 48, 1,	0	
InvertedResidual-40	4	- 1	8, 56, 5	0	
Conv2d-41 [-1, 192, 56, 56] 9,21 BatchNorm2d-42 [-1, 192, 56, 56] 38 Swish-43 [-1, 192, 56, 56] 1,72 ConvModule-44 [-1, 192, 56, 56] 1,72 BatchNorm2d-46 [-1, 192, 56, 56] 38 Swish-47 [-1, 192, 56, 56] 38 ConvModule-48 [-1, 192, 56, 56]	വ	- 1	8, 56, 5	0	
BatchNorm2d-42 [-1, 192, 56, 56] 38 Swish-43 [-1, 192, 56, 56] ConvModule-44 [-1, 192, 56, 56] 1,72 BatchNorm2d-46 [-1, 192, 56, 56] 38 Swish-47 [-1, 192, 56, 56] ConvModule-48 [-1, 192, 56, 56]	9	1	92, 56, 5	, 21	
Swish-43 [-1, 192, 56, 56] ConvModule-44 [-1, 192, 56, 56] Conv2d-45 [-1, 192, 56, 56] 1,72 BatchNorm2d-46 [-1, 192, 56, 56] Swish-47 [-1, 192, 56, 56] ConvModule-48 [-1, 192, 56, 56]	7	- 1	92, 56, 5	384	
ConvModule-44 [-1, 192, 56, 56] Conv2d-45 [-1, 192, 56, 56] 1,72 BatchNorm2d-46 [-1, 192, 56, 56] 38 Swish-47 [-1, 192, 56, 56] ConvModule-48 [-1, 192, 56, 56]	∞	Swish-43	.92, 56, 5	0	
Conv2d-45 [-1, 192, 56, 56] 1,72 BatchNorm2d-46 [-1, 192, 56, 56] 38 Swish-47 [-1, 192, 56, 56] ConvModule-48 [-1, 192, 56, 56]	6	ConvModule-44	2, 56, 5	0	
1 BatchNorm2d-46 [-1, 192, 56, 56] 38 2 Swish-47 [-1, 192, 56, 56] 3 ConvModule-48 [-1, 192, 56, 56]	0	Conv2d-45	2, 56, 5	, 72	
Swish-47 [-1, 192, 56, 56] ConvModule-48 [-1, 192, 56, 56]	T	- 1	2, 56, 5	∞	
ConvModule-48 [-1, 192, 56, 56]	7	Swish-47	2, 56, 5	0	
		onvModule-4	1, 192, 56, 5	0	

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24	Conv2d-49	, 56, 5	9,216	
22	BatchNorm2d-50	[-1, 48, 56, 56]	96	
26	ConvModule-51	, 56, 5	0	
57	AdaptiveAvgPool2d-52	[-1, 48, 1, 1]	0	
28	Conv2d-53	[-1, 3, 1, 1]	147	
29	ReLU-54	[-1, 3, 1, 1]	0	
9	Conv2d-55	[-1, 48, 1, 1]	192	
61	Sigmoid-56	1,	•	
62	SEBlock-57	6, 5	0	
63	InvertedResidual-58	[-1, 48, 56, 56]	0	
99	Conv2d-59	2, 56, 5	9,216	
65	BatchNorm2d-60	, 9	384	
99	Swish-61	2, 56, 5	•	
67	ConvModule-62		0	
89	Conv2d-63	[-1, 192, 56, 56]	1,728	
69	BatchNorm2d-64		384	
70	Swish-65	[-1, 192, 56, 56]	0	
71	ConvModule-66	-	0	
72	Conv2d-67	, 56, 5	9,216	
73	BatchNorm2d-68	6, 5	96	
74	ConvModule-69	, 56, 5	0	
75	AdaptiveAvgPool2d-70	[-1, 48, 1, 1]	0	
76	Conv2d-71	[-1, 3, 1, 1]	147	
77	ReLU-72	[-1, 3, 1, 1]	0	
78	Conv2d-73	[-1, 48, 1, 1]	192	
79	Sigmoid-74	[-1, 48, 1, 1]	0	
80	SEBlock-75	[-1, 48, 56, 56]	0	
		□□ 3 of 14		

0	9,216	384	0	0	1,728	384	0	0	12,288	128	0	0	260	0	320	0	0	0	4,356	4,356	0	6,144	0	192	3	9,312	
[-1, 48, 56, 56]	[-1, 192, 56, 56]	2, 5	92,		[-1, 192, 28, 28]	2, 2	[-1, 192, 28, 28]		, 2	[-1, 64, 28, 28]	8, 2	[-1, 64, 1, 1]	-	[-1, 4, 1, 1]	, 64, 1,	[-1, 64, 1, 1]	8, 2	8, 2	[-1, 22, 28, 28]	[-1, 22, 28, 28]		[-1, 96, 28, 28]	[-1, 96, 28, 28]	[-1, 196, 96]	[-1, 196, 288]	[-1, 196, 96]	□ 4 of 14
InvertedResidual-76	Conv2d-77	BatchNorm2d-78	Swish-79	ConvModule-80	Conv2d-81	BatchNorm2d-82	Swish-83	ConvModule-84	Conv2d-85	BatchNorm2d-86	ConvModule-87	AdaptiveAvgPool2d-88	Conv2d-89	ReLU-90	Conv2d-91	Sigmoid-92	SEBlock-93	InvertedResidual-94	Conv2d-95	Conv2d-96	ConvConcatModule-97	Conv2d-98	ConvModule-99	LayerNorm-100	Linear-101	Linear-102	
81	82	83	84	82	98	87	88	88	96	91	92		56	95	96	62	86	66	100	101	102	103	104	105	106	107	

				I
108	Dropout-103	[-1, 196, 96]	0	
109	Identity-104	[-1, 196, 96]	0	
110	DropPath-105	[-1, 196, 96]	•	
	MultiheadAttention-106	[-1, 196, 96]	0	
7	LayerNorm-107	., 196,	192	
7	Linear-108	6, 1	18,624	
	Swish-109	96, 1	•	
	Dropout-110	96, 1	0	
7	Linear-111	[-1, 196, 96]	18,528	
\vdash	Dropout-112	1	0	
	Identity-113	6 '9	0	
119	DropPath-114	-	•	
120	FFN-115	, 196, 9	•	
121	TransformerEncoderLayer-116	[-1, 196, 96]	0	
122	LayerNorm-117	[-1, 196, 96]	192	
123	Linear-118	[-1, 196, 288]	27,936	
124	Linear-119	, 196, 9	\vdash	
125	Dropout-120	'96	0	
126	Identity-121	, 196, 9	0	
127	DropPath-122	[-1, 196, 96]	0	
128	MultiheadAttention-123	[-1, 196, 96]	0	
129	LayerNorm-124	'96	192	
130	Linear-125	6, 1	18,624	
131	Swish-126	, 1	•	
132	Dropout-127	6, 1	0	
133	Linear-128	[-1, 196, 96]	18,528	
134	Dropout-129	[-1, 196, 96]	0	
				١

0	0	0	0	192	6,144	128	0	0	92,160	128	0	0	0	16,384	512	0	0	2,304	512	0	0	20,480	160	0	0	405	
	[-1, 196, 96]	[-1, 196, 96]	[-1, 196, 96]	6 '9	4, 28,	8, 2	4, 28, 2	8, 2	, 64, 28, 2	[-1, 64, 28, 28]	8, 2	,	4, 28, 2		6, 28, 2	[-1, 256, 28, 28]	6, 28, 2	[-1, 256, 14, 14]	[-1, 256, 14, 14]	6, 1	[-1, 256, 14, 14]	[-1, 80, 14, 14]		[-1, 80, 14, 14]	[-1, 80, 1, 1]	[-1, 5, 1, 1]	□□ 6 of 14
Identity-130	DropPath-131	FFN-132	TransformerEncoderLayer-133	LayerNorm-134	Conv2d-135	BatchNorm2d-136	Swish-137	ConvModule-138	Conv2d-139	BatchNorm2d-140	Swish-141	ConvModule-142	MobileVitBlock-143	Conv2d-144	BatchNorm2d-145	Swish-146	ConvModule-147	Conv2d-148	BatchNorm2d-149	Swish-150	ConvModule-151	Conv2d-152	BatchNorm2d-153	ConvModule-154	AdaptiveAvgPool2d-155	Conv2d-156	
135	136	137	138 T	139	140	141	142	143	144	145	146	147	148	149	150	151	152	153	154	155	156	157	158	159	160 A	161	

□□ - backbone	kbone		
162	ReLU-157		0
163	Conv2d-158	[-1, 80, 1, 1]	480
164	Sigmoid-159	, 80,	0
165	SEBlock-160	[-1, 80, 14, 14]	0
166	InvertedResidual-161	[-1, 80, 14, 14]	0
167	Conv2d-162	[-1, 20, 14, 14]	3,600
168	Conv2d-163	[-1, 20, 14, 14]	3,600
169	Conv2d-164	[-1, 20, 14, 14]	3,600
170	ConvConcatModule-165	[-1, 80, 14, 14]	0
171	Conv2d-166	[-1, 120, 14, 14]	0,600
172	ConvModule-167	[-1, 120, 14, 14]	0
173	LayerNorm-168	[-1, 49, 120]	240
174	Linear-169		43,560
175	Linear-170	[-1, 49, 120]	14,520
176	Dropout-171	[-1, 49, 120]	0
177	Identity-172	[-1, 49, 120]	0
178	DropPath-173	[-1, 49, 120]	0
179	MultiheadAttention-174	[-1, 49, 120]	0
180	LayerNorm-175	, 6	240
181	Linear-176	[-1, 49, 240]	29,040
182	Swish-177	[-1, 49, 240]	0
183	Dropout-178	[-1, 49, 240]	0
184	Linear-179	[-1, 49, 120]	28,920
185	Dropout-180	[-1, 49, 120]	0
186	Identity-181	[-1, 49, 120]	0
187	DropPath-182	[-1, 49, 120]	0
188	FFN-183	[-1, 49, 120]	0
		□□ 7 of 14	

□□ - bacl	backbone			
189	TransformerEncoderLayer-184	[-1, 49, 120]		0
190	LayerNorm-185	[-1, 49, 120]	240	
191	Linear-186	[-1, 49, 360]	43,560	
6	Linear-187	[-1, 49, 120]	7	
193	Dropout-188	[-1, 49, 120]	0	
194	Identity-189	[-1, 49, 120]	0	
195	DropPath-190	[-1, 49, 120]	0	
196	MultiheadAttention-191	[-1, 49, 120]	0	
197	LayerNorm-192	[-1, 49, 120]	240	
198	Linear-193	[-1, 49, 240]	29,040	
199	Swish-194	_	0	
200	Dropout-195	[-1, 49, 240]	0	
201	Linear-196	[-1, 49, 120]	28,920	
202	Dropout-197	[-1, 49, 120]	0	
203	Identity-198	[-1, 49, 120]	0	
204	DropPath-199	[-1, 49, 120]	0	
202	FFN-200	[-1, 49, 120]	0	
206	TransformerEncoderLayer-201	[-1, 49, 120]		0
207	LayerNorm-202	[-1, 49, 120]	240	
208	Linear-203	[-1, 49, 360]		
209	Linear-204	[-1, 49, 120]	14,520	
210	Dropout-205	[-1, 49, 120]	0	
211	Identity-206	[-1, 49, 120]	0	
212	DropPath-207	[-1, 49, 120]	0	
213	MultiheadAttention-208	[-1, 49, 120]	0	
214	LayerNorm-209	[-1, 49, 120]	240	
215	Linear-210	[-1, 49, 240]	29,040	
		□□ 8 of 14		

□□ - bac	- backbone			
216	Swish-211	[-1, 49, 240]	0	
217	Dropout-212	[-1, 49, 240]	0	
218	Linear-213	[-1, 49, 120]	28,920	
219	Dropout-214	[-1, 49, 120]	0	
220	Identity-215	[-1, 49, 120]	•	
221	DropPath-216	[-1, 49, 120]	•	
222	FFN-217	[-1, 49, 120]	•	
223	TransformerEncoderLayer-218	[-1, 49, 120]	0	
224	LayerNorm-219	[-1, 49, 120]	240	
225	Linear-220	[-1, 49, 360]	43,560	
226	Linear-221	[-1, 49, 120]	14,520	
227	Dropout-222	[-1, 49, 120]	0	
228	Identity-223	[-1, 49, 120]	0	
229	DropPath-224	[-1, 49, 120]	0	
230	MultiheadAttention-225	[-1, 49, 120]	0	
231	LayerNorm-226	[-1, 49, 120]	240	
232	Linear-227	[-1, 49, 240]	29,040	
233	Swish-228	[-1, 49, 240]	0	
234	Dropout-229	[-1, 49, 240]	0	
	Linear-230	[-1, 49, 120]	28,920	
236	Dropout-231	[-1, 49, 120]	0	
237	Identity-232	[-1, 49, 120]	0	
238	DropPath-233	[-1, 49, 120]	0	
239	FFN-234	[-1, 49, 120]	0	
240	TransformerEncoderLayer-235	[-1, 49, 120]	0	
241	LayerNorm-236	[-1, 49, 120]	240	
242	Conv2d-237	[-1, 80, 14, 14]	009'6	
		0 of 14		

□ - backbone	kbone		
243	BatchNorm2d-238	[-1, 80, 14, 14]	160
244	Swish-239	[-1, 80, 14, 14]	0
245	ConvModule-240	[-1, 80, 14, 14]	0
246	Conv2d-241	[-1, 80, 14, 14]	144,000
247	BatchNorm2d-242	[-1, 80, 14, 14]	160
248	Swish-243	[-1, 80, 14, 14]	0
249	ConvModule-244	[-1, 80, 14, 14]	0
250	MobileVitBlock-245	[-1, 80, 14, 14]	0
251	Conv2d-246	[-1, 320, 14, 14]	25,600
252	BatchNorm2d-247	[-1, 320, 14, 14]	079
253	Swish-248	[-1, 320, 14, 14]	0
254	ConvModule-249	[-1, 320, 14, 14]	0
255	Conv2d-250	[-1, 320, 7, 7]	2,880
256	BatchNorm2d-251	[-1, 320, 7, 7]	079
257	Swish-252	[-1, 320, 7, 7]	0
258	ConvModule-253	[-1, 320, 7, 7]	0
259	Conv2d-254	[-1, 96, 7, 7]	30,720
260	BatchNorm2d-255	[-1, 96, 7, 7]	192
261	ConvModule-256	[-1, 96, 7, 7]	0
262	AdaptiveAvgPool2d-257	[-1, 96, 1, 1]	0
263	Conv2d-258	[-1, 6, 1, 1]	582
264	ReLU-259	[-1, 6, 1, 1]	0
265	Conv2d-260	[-1, 96, 1, 1]	672
266	Sigmoid-261	[-1, 96, 1, 1]	0
267	SEBlock-262	[-1, 96, 7, 7]	0
268	InvertedResidual-263	[-1, 96, 7, 7]	0
269	Conv2d-264	[-1, 20, 7, 7]	3,600
		□□ 10 of 14	

□□ - backbone	chone		
[_	Conv2d-265	[-1, 20, 7, 7]	-
	Conv2d-266	, 7,	3,600
272	Conv2d-267	[-1, 20, 7, 7]	-
_	ConvConcatModule-268	6, 7,	0
274	Conv2d-269	7	13,824
/	ConvModule-270	7,	0
276	LayerNorm-271	6, 1	288
277	Linear-272	., 16, 4	
278	Linear-273	[-1, 16, 144]	20,880
279	Dropout-274	6, 1	0
280	Identity-275	., 16, 1	0
281	DropPath-276	[-1, 16, 144]	0
282	MultiheadAttention-277	16	0
283	LayerNorm-278	6, 1	288
284	Linear-279	. 2	41,760
285	Swish-280	6, 2	0
286	Dropout-281	6, 2	0
287	Linear-282	, 9	41,616
288	Dropout-283	[-1, 16, 144]	0
289	Identity-284	[-1, 16, 144]	0
290	DropPath-285	[-1, 16, 144]	0
291	FFN-286	[-1, 16, 144]	0
292	TransformerEncoderLayer-287	[-1, 16, 144]	0
293	LayerNorm-288	[-1, 16, 144]	288
294	Linear-289	[-1, 16, 432]	2,
295	Linear-290	[-1, 16, 144]	20,880
296	Dropout-291	[-1, 16, 144]	0
		□□ 11 of 14	

□ - backbone	96		
297	Identity-292	[-1, 16, 144]	0
298	DropPath-293	[-1, 16, 144]	0
299 Mu	MultiheadAttention-294	[-1, 16, 144]	0
300	LayerNorm-295	[-1, 16, 144]	288
301	Linear-296	[-1, 16, 288]	41,760
302	Swish-297	[-1, 16, 288]	0
303	Dropout-298	[-1, 16, 288]	0
304	Linear-299	[-1, 16, 144]	41,616
305	Dropout-300	[-1, 16, 144]	0
306	Identity-301	[-1, 16, 144]	0
307	DropPath-302	[-1, 16, 144]	0
308	FFN-303	[-1, 16, 144]	0
309 Tr	TransformerEncoderLayer-304	[-1, 16, 144]	0
310	LayerNorm-305	[-1, 16, 144]	288
311	Linear-306	[-1, 16, 432]	62,640
312	Linear-307	[-1, 16, 144]	20,880
313	Dropout-308	[-1, 16, 144]	0
314	Identity-309	[-1, 16, 144]	0
315	DropPath-310	[-1, 16, 144]	0
316 Mu	MultiheadAttention-311	[-1, 16, 144]	0
317	LayerNorm-312	6, 1	288
318	Linear-313	[-1, 16, 288]	41,760
319	Swish-314	[-1, 16, 288]	0
320	Dropout-315	[-1, 16, 288]	0
321	Linear-316	[-1, 16, 144]	41,616
322	Dropout-317	[-1, 16, 144]	0
323	Identity-318	[-1, 16, 144]	0
		□□ 12 of 14	

c	Đ	0	0	288	13,824	192	•	•	207,360	192	•	•	•	36,864	768	•	•	=======================================								
1,	, 10, 1	[-1, 16, 144]	[-1, 16, 144]	[-1, 16, 144]	[-1, 96, 7, 7]	[-1, 96, 7, 7]	[-1, 96, 7, 7]	[-1, 96, 7, 7]	[-1, 96, 7, 7]	[-1, 96, 7, 7]	[-1, 96, 7, 7]	[-1, 96, 7, 7]	[-1, 96, 7, 7]	[-1, 384, 7, 7]	[-1, 384, 7, 7]	[-1, 384, 7, 7]	[-1, 384, 7, 7]							B): 277.72		
7100000	uropracn-519	FFN-320	TransformerEncoderLayer-321	LayerNorm-322	Conv2d-323	BatchNorm2d-324	Swish-325	ConvModule-326	Conv2d-327	BatchNorm2d-328	Swish-329	ConvModule-330	MobileVitBlock-331	Conv2d-332	BatchNorm2d-333	Swish-334	ConvModule-335		Total params: 1,881,474	Trainable params: 1,881,474	Non-trainable params: 0		Input size (MB): 0.57	Forward/backward pass size (MB)	Params size (MB): 7.18	• • • • • • • • • • • • • • • • • • • •
- c	7	325	26	327	328	329	330	331	332	333	334	335	336	337	338	339	340	341 =:	342 T	343 T	344 N	345 -	346 II	347 F	348 Pa	