	Level 1	Level 2	Level 3	Level 4	Level 5					MACs	Filter Cx
Repeats	1	1	1	4	7					187708416	2304072
Channels Groups	24 1	24 3	56 7	152 19	368 46						
Stride	1	1	2	2	2						
Stride	-	-	_	_	-						
	Repeat	Out H	Out W	No	Ni	Fr	Fc	S	G	MACs	Filter Cx
Input		56	56	3							
Level 1 stem Conv, BN, ReLU	1	56	56	24	3	3	3	1	1	2032128	648
Level 2 block	-	30	30	24	3	3	3	-	-	2032120	040
Split right											
Conv, BN, ReLU	1	56	56	24	24	1	1	1	1	1806336	576
Conv, BN, ReLU	1	56	56	24	24	3	3	1	3	5419008	1728
Conv, BN	1	56	56	24	24	1	1	1	1	1806336	576
Split left	4	5.0		24	24						
Identity Add, ReLU	1 1	56 56	56 56	24 24	24 24						
Level 3 transition	_	30	30	24	24						
Split right											
Conv, BN, ReLU	1	56	56	56	24	1	1	1	1	4214784	1344
Conv, BN, ReLU	1	28	28	56	56	3	3	2	7	3161088	4032
Conv, BN	1	28	28	56	56	1	1	1	1	2458624	3136
Split left											
Conv, BN	1	28	28	56	24	1	1	2	1	1053696	1344
Add, ReLU	1	28	28	56	56						
Level 3 block Split right											
Conv, BN, ReLU	1	28	28	56	56	1	1	1	1	2458624	3136
Conv, BN, ReLU	1	28	28	56	56	3	3	1	7	3161088	4032
Conv, BN	1	28	28	56	56	1	1	1	1	2458624	3136
Split left											
Identity	1	28	28	56	56						
Add, ReLU	1	28	28	56	56						
Level 4 transition											
Split right Conv, BN, ReLU	1	28	28	152	56	1	1	1	1	6673408	8512
Conv, BN, ReLU	1	14	14	152	152	3	3	2	19	2145024	10944
Conv, BN	1	14	14	152	152	1	1	1	1	4528384	23104
Split left											
Conv, BN	1	14	14	152	56	1	1	2	1	1668352	8512
Add, ReLU	1	14	14	152	152						
Level 4 block											
Split right Conv, BN, ReLU	3	14	14	152	152	1	1	1	1	13585152	69312
Conv, BN, ReLU	3	14	14	152	152	3	3	1	19	6435072	32832
Conv, BN	3	14	14	152	152	1	1	1	1	13585152	69312
Split left											
Identity	3	14	14	152	152						
Add, ReLU	3	14	14	152	152						
Level 5 transition											
Split right	4	1.1	4.4	200	453	4	4	4		10062456	FF026
Conv, BN, ReLU Conv, BN, ReLU	1 1	14 7	14 7	368 368	152 368	1 3	1 3	1 2	1 46	10963456 1298304	55936 26496
Conv, BN, ReLo	1	7	7	368	368	1	1	1	1	6635776	135424
Split left	_	-				_	_	=	_		
Conv, BN	1	7	7	368	152	1	1	2	1	2740864	55936
Add, ReLU	1	7	7	368	368						
Level 5 block											
Split right		_	_								
Conv. BN, ReLU	6	7 7	7	368	368	1	1	1	1	39814656 7789824	812544
Conv, BN, ReLU Conv, BN	6 6	7	7 7	368 368	368 368	3 1	3 1	1 1	46 1	7789824 39814656	158976 812544
Split left	U	,	,	300	300	1	1	1	1	22014030	012344
Identity	6	7	7	368	368						
Add, ReLU	6	7	7	368	368						
Decoder											
Global avg pool	1	1	1	368	368						
Linear	1	1	1	100	368						
Total										187708416	2304072