type	m	r	n	Par.	Mult.
conv	3	3	45	405	1.80M
avg-pool	2	2	45	-	45K
res $\times$ 12	3	3	45	437K	378M
avg-pool	-	-	45	-	45
softmax	-	-	12	540	540
Total	-	-	-	438K	380M