

type	filter size/stride	output size
convolution	$11 \times 11 / 4$	$96 \times 54 \times 54$
convolution	$1 \times 1 / 1$	$96 \times 54 \times 54$
max pool	$3 \times 3 / 2$	$96 \times 27 \times 27$
convolution	$5 \times 5 / 2$	$256 \times 27 \times 27$
convolution	$1 \times 1 / 1$	$256 \times 27 \times 27$
max pool	$3 \times 3 / 2$	$256 \times 13 \times 13$
convolution	$3 \times 3 / 1$	$384 \times 13 \times 13$
convolution	$1 \times 1 / 1$	$384 \times 13 \times 13$
max pool	$3 \times 3 / 2$	$384 \times 6 \times 6$
convolution	$3 \times 3 / 1$	$1024 \times 6 \times 6$
convolution	$1 \times 1 / 1$	$(50 \times \# \text{ bits}) \times 6 \times 6$
ave pool	$6 \times 6 / 1$	$(50 \times \# \text{ bits}) \times 1 \times 1$