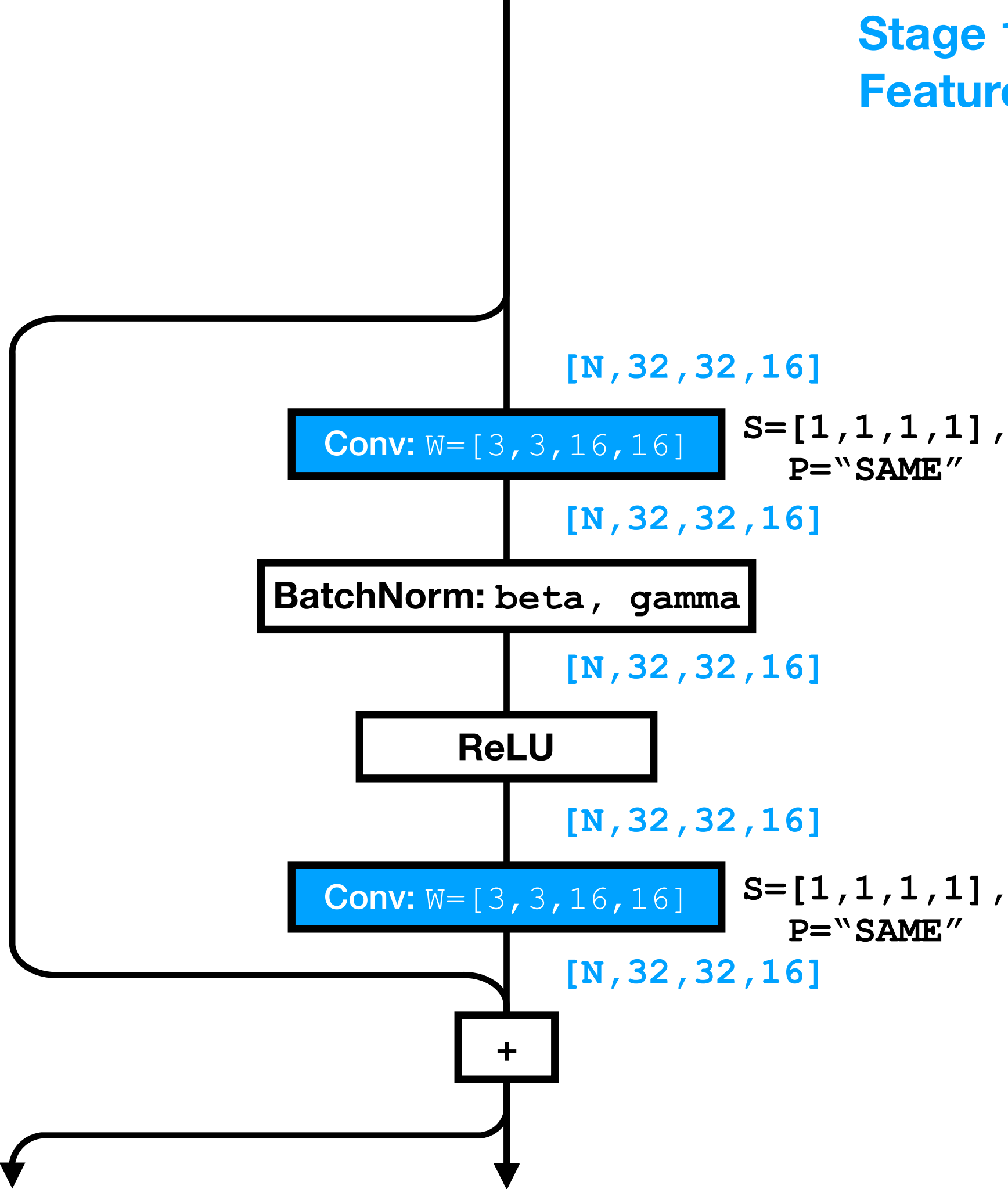
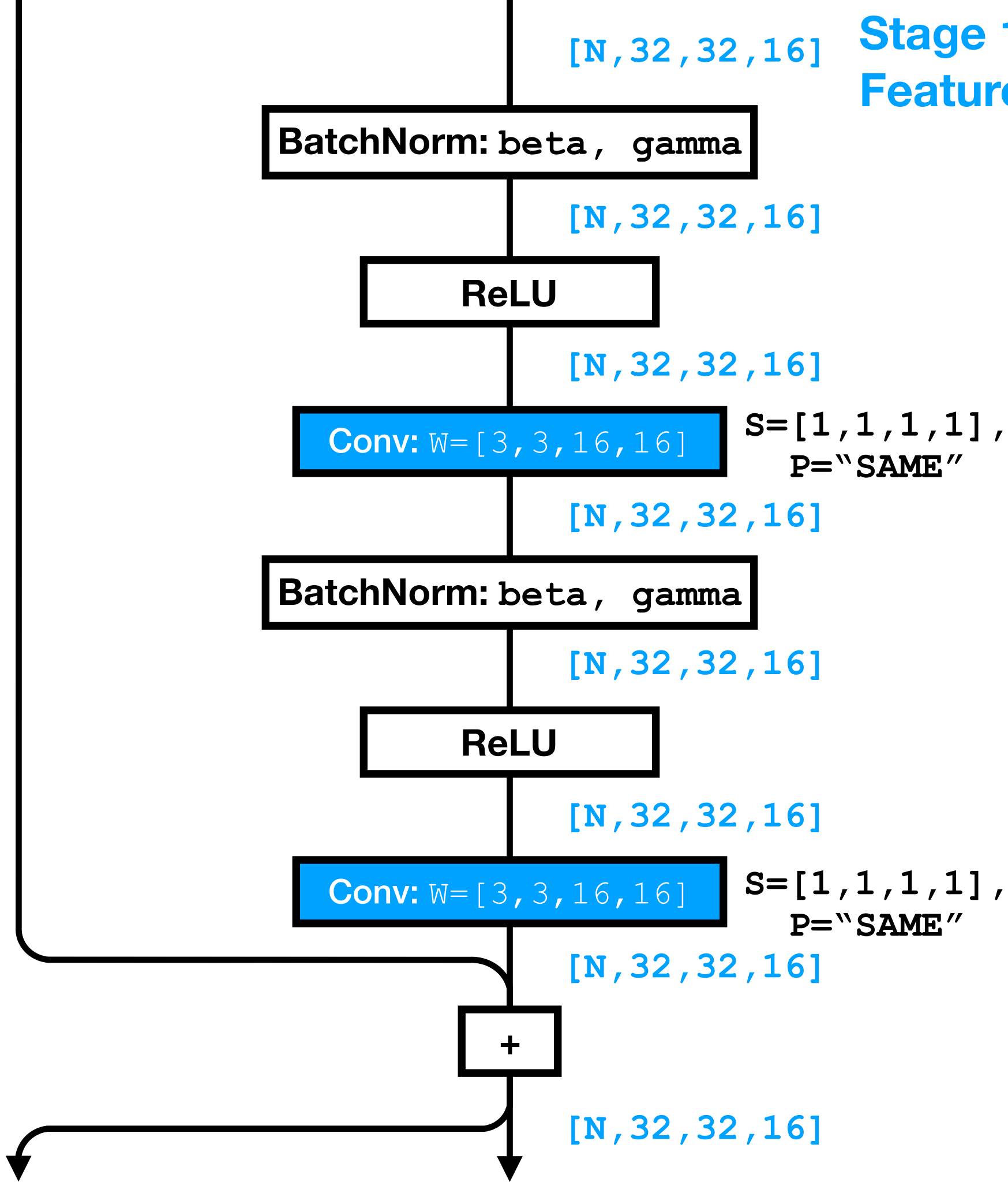


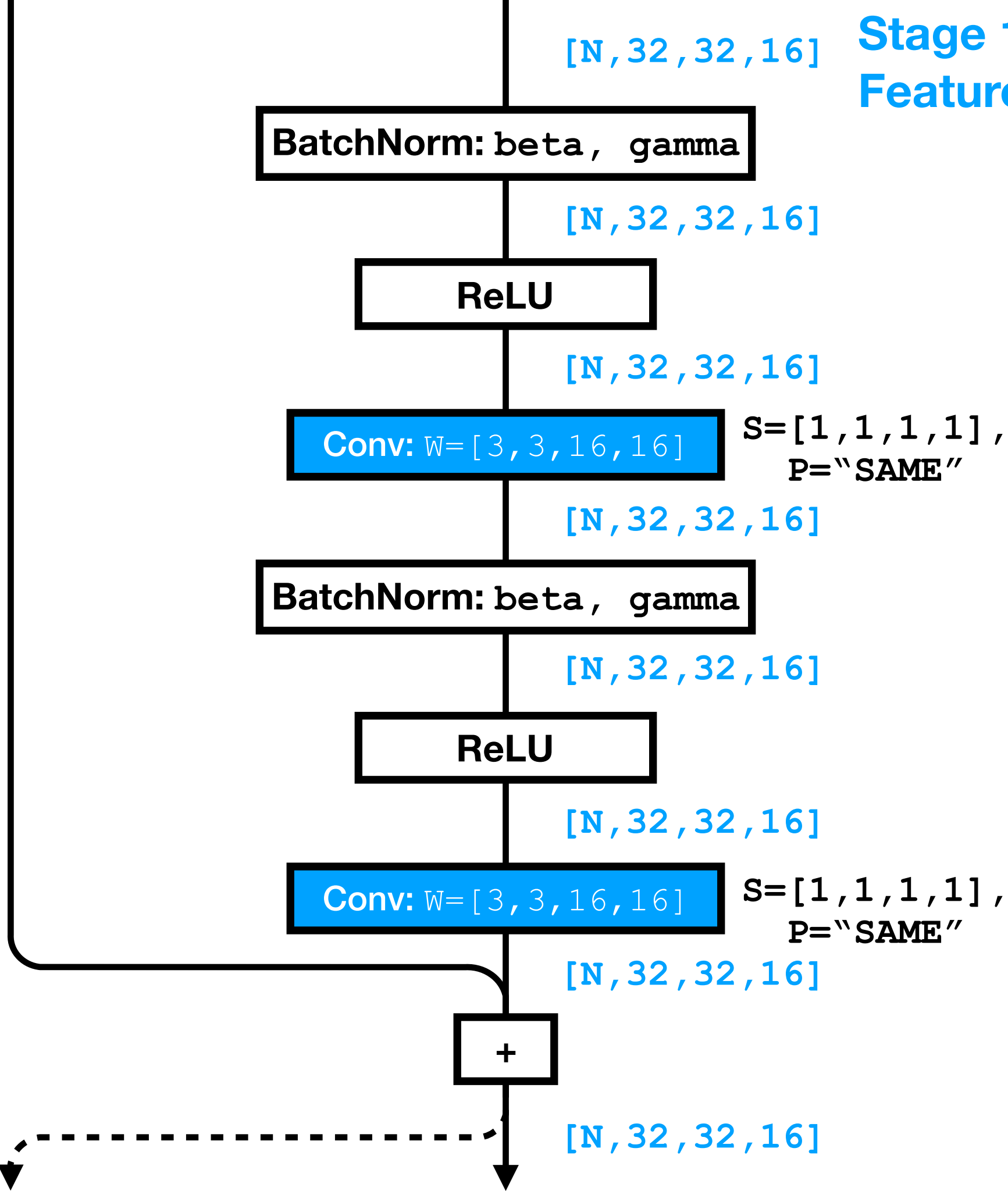
**Stage 1   Block 1**  
**Feature map: 32x32**



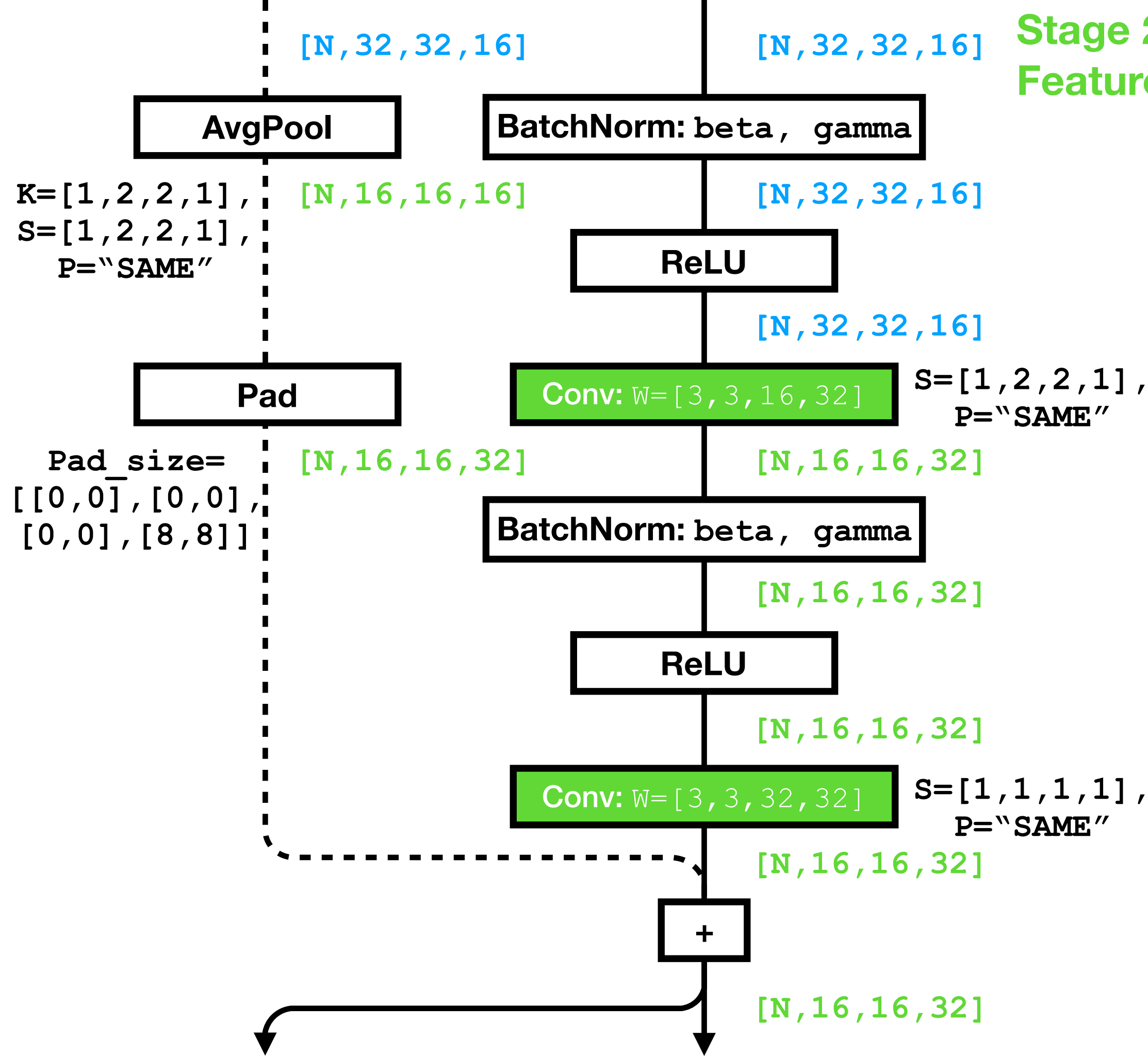
**Stage 1    Block 2**  
**Feature map: 32x32**

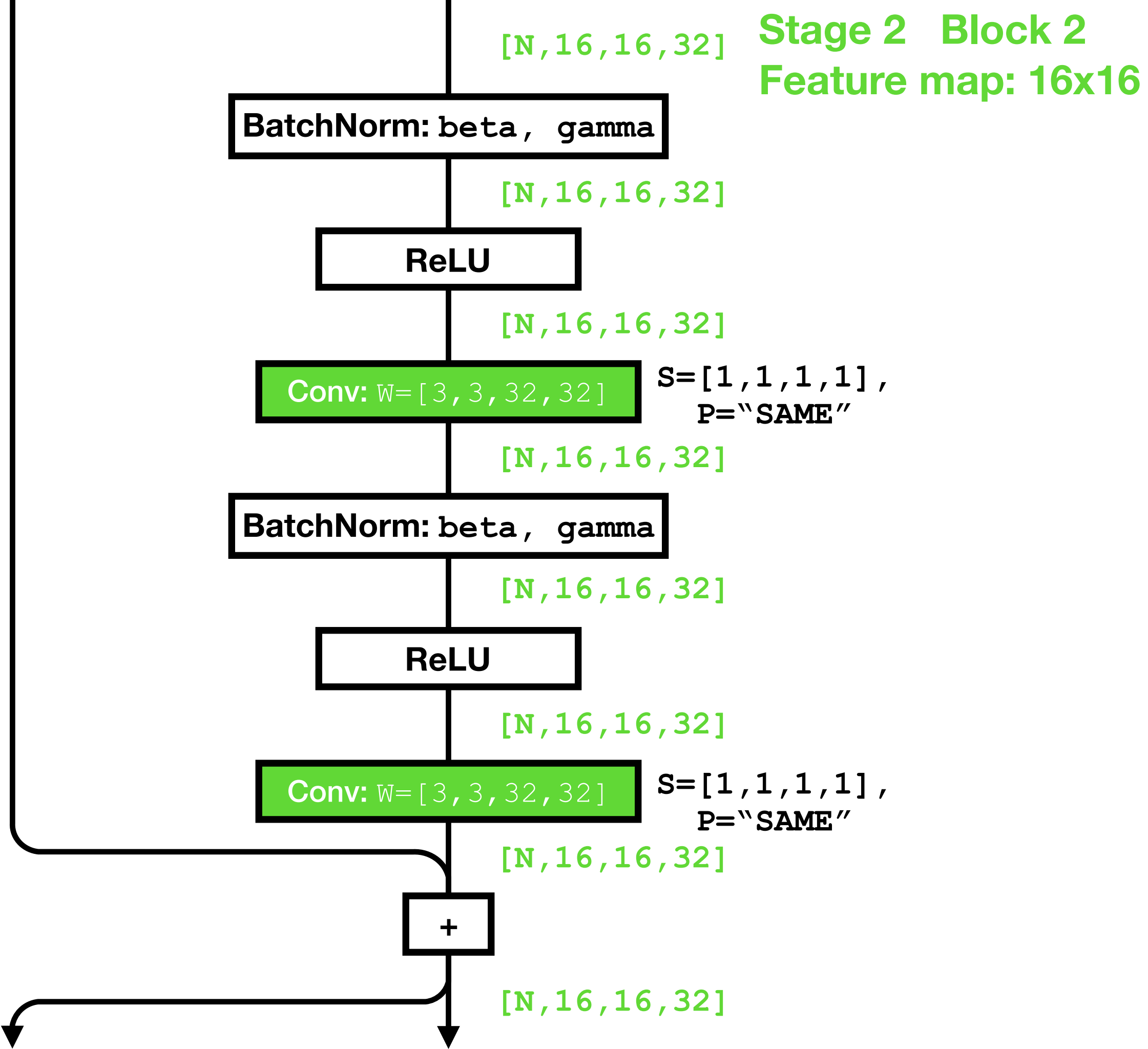


**Stage 1    Block 3**  
**Feature map: 32x32**



Stage 2 Block 1  
Feature map: 16x16





$[N, 16, 16, 32]$

Stage 2 Block 3  
Feature map: 16x16

BatchNorm: beta, gamma

$[N, 16, 16, 32]$

ReLU

$[N, 16, 16, 32]$

Conv:  $W = [3, 3, 32, 32]$

$S = [1, 1, 1, 1]$ ,  
 $P = \text{"SAME"}$

$[N, 16, 16, 32]$

BatchNorm: beta, gamma

$[N, 16, 16, 32]$

ReLU

$[N, 16, 16, 32]$

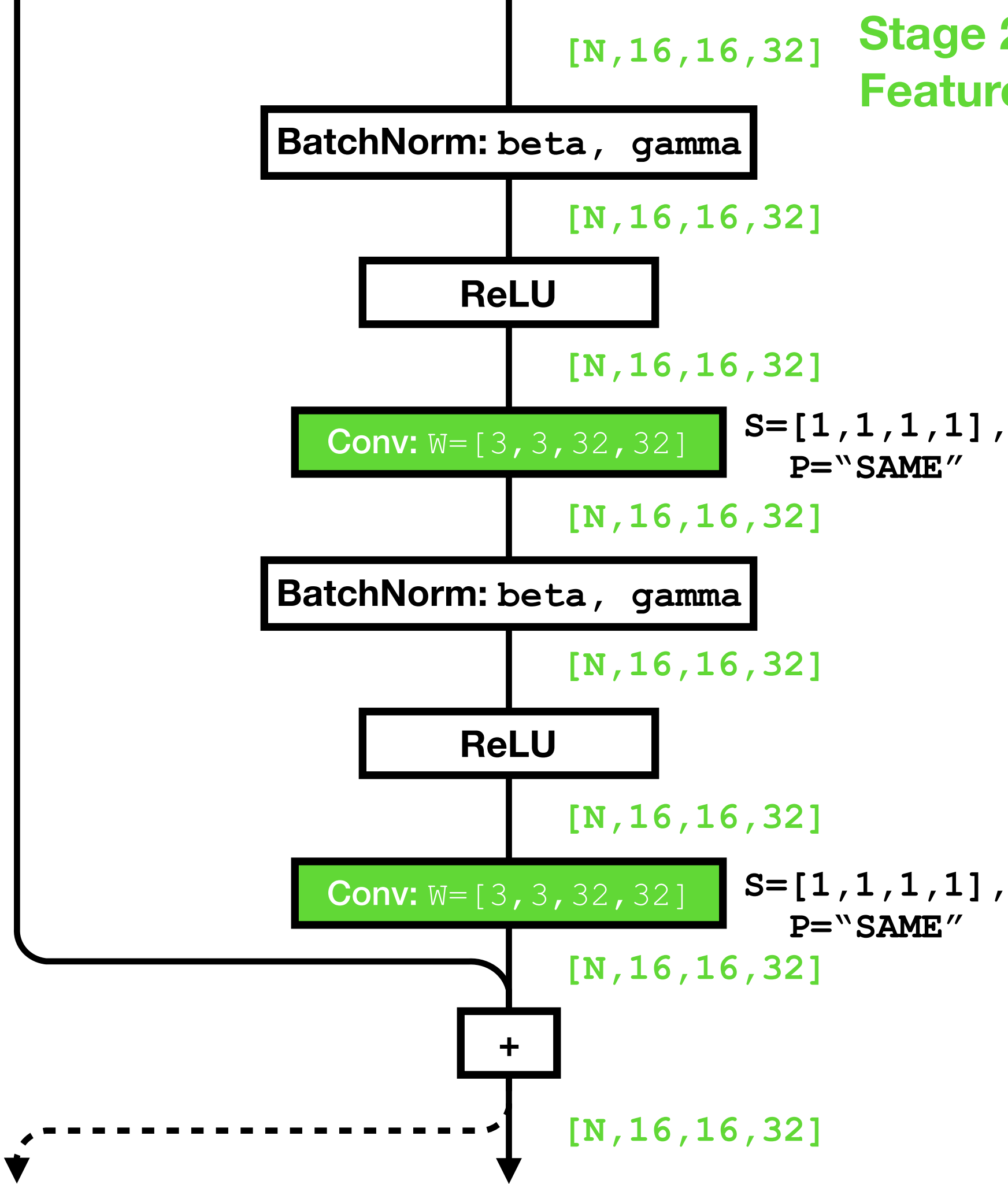
Conv:  $W = [3, 3, 32, 32]$

$S = [1, 1, 1, 1]$ ,  
 $P = \text{"SAME"}$

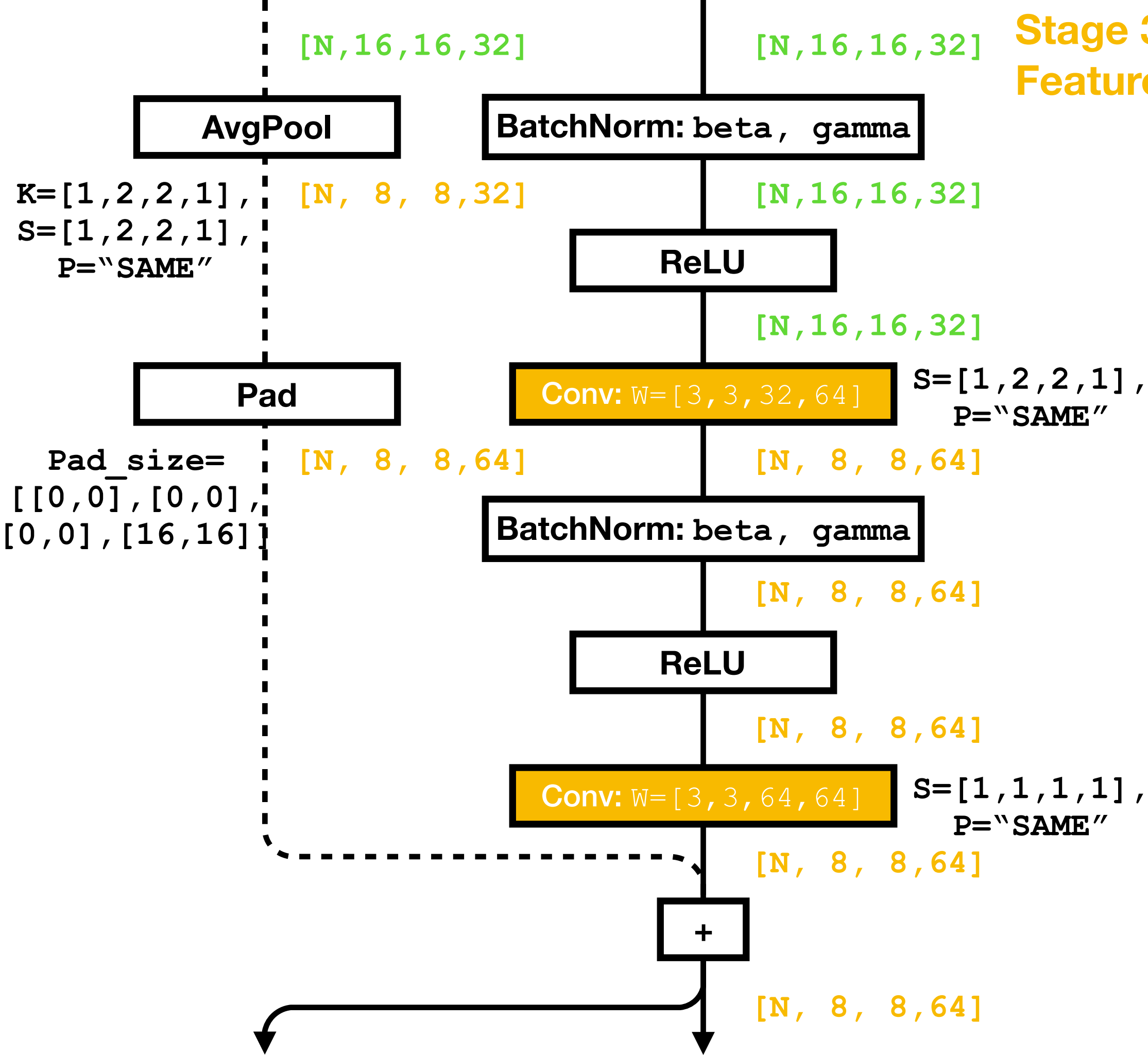
$[N, 16, 16, 32]$

+

$[N, 16, 16, 32]$

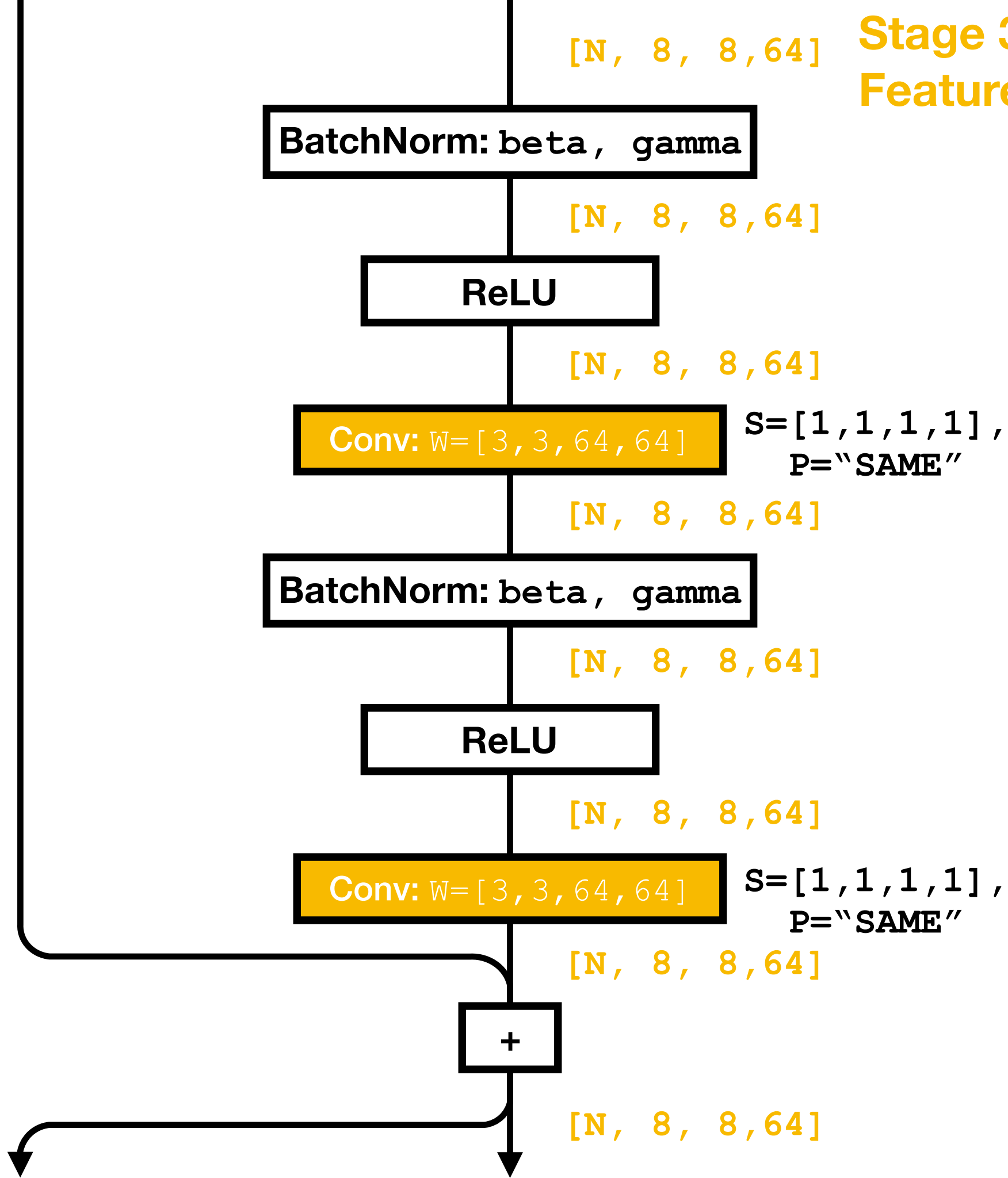


**Stage 3 Block 1**  
**Feature map: 8x8**





**Stage 3    Block 2**  
**Feature map: 8x8**



**Stage 3 Block 3**  
**Feature map: 8x8**

