



$$\begin{aligned} \text{Result}[0][0][0] = & \text{Input}[0][0][0] * \text{Filter}[1][0][0] \\ & + \text{Input}[0][0][1] * \text{Filter}[1][1][0] \\ & + \text{Input}[0][1][0] * \text{Filter}[2][0][0] \\ & + \text{Input}[0][1][1] * \text{Filter}[2][1][0] \end{aligned}$$

$$42 = 3 * 3 + 4 * 4 + 1 * 5 + 2 * 6$$