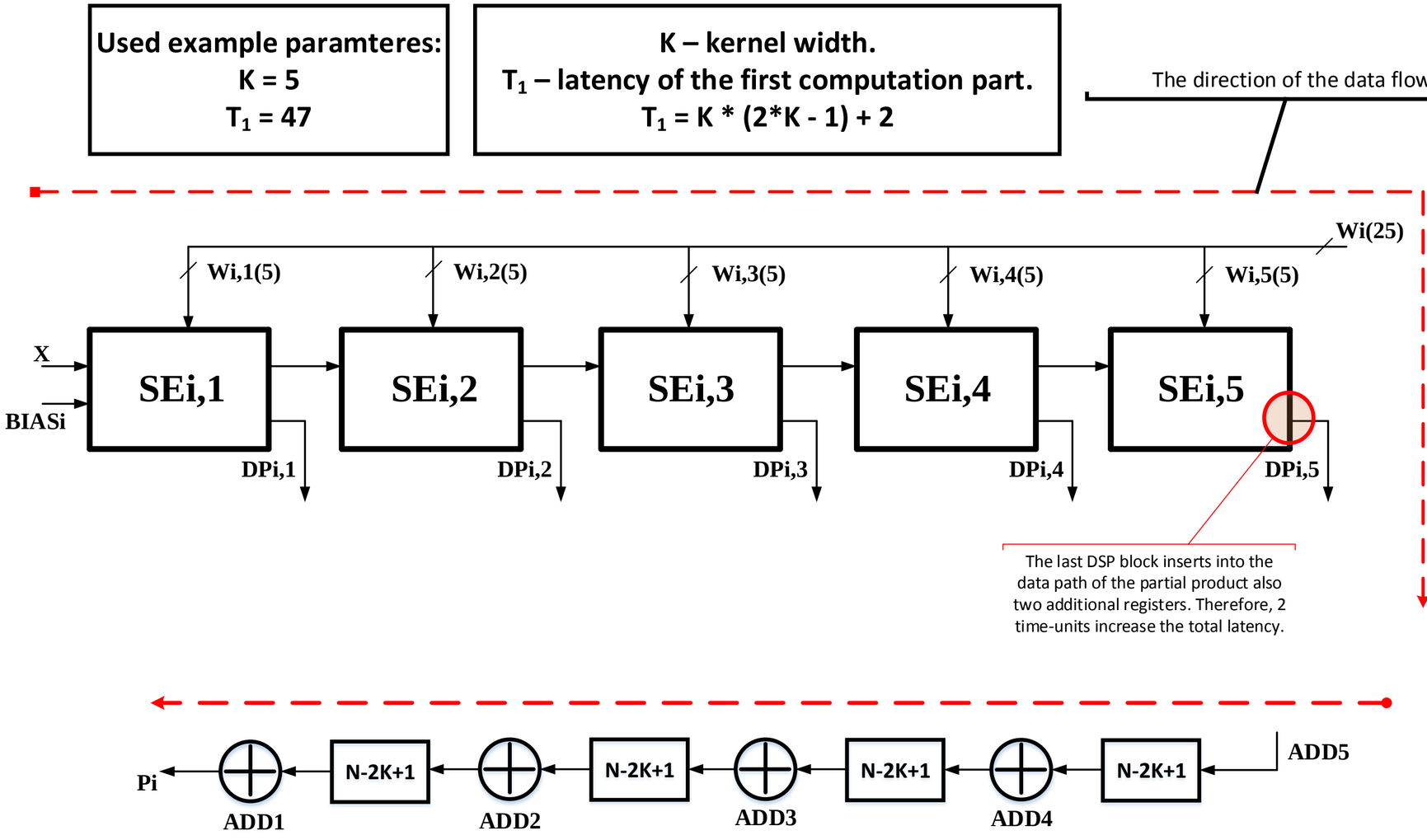
Used example paramteres:
K = 5
T_1 = 47

K – kernel width.
T_1 – latency of the first computation part.
T_1 = K * (2*K - 1) + 2



K – kernel width.
N – input image width.
T_2 – latency of the second computation part
T_2 = (K-1) * (N - 2*K + 1)

N = 32 a K = 5
T_2 = 92