

Cycle	Multiply (M)	Accumulate (A)	Shift (S)
S1	M1 = Coeff[0] * Input[0]		
S2	M2 = Coeff[1] * Input[0]	Sum += M1	
S3	M3 = Coeff[2] * Input[0]	Sum += M2	
S4	M4 = Coeff[3] * Input[0]	Sum += M3	
...			
S Filter Length + 2			Output[0] = Sum >> 8
S Filter Length + 3	M1 = Coeff[0] * Input[1]		
...			



