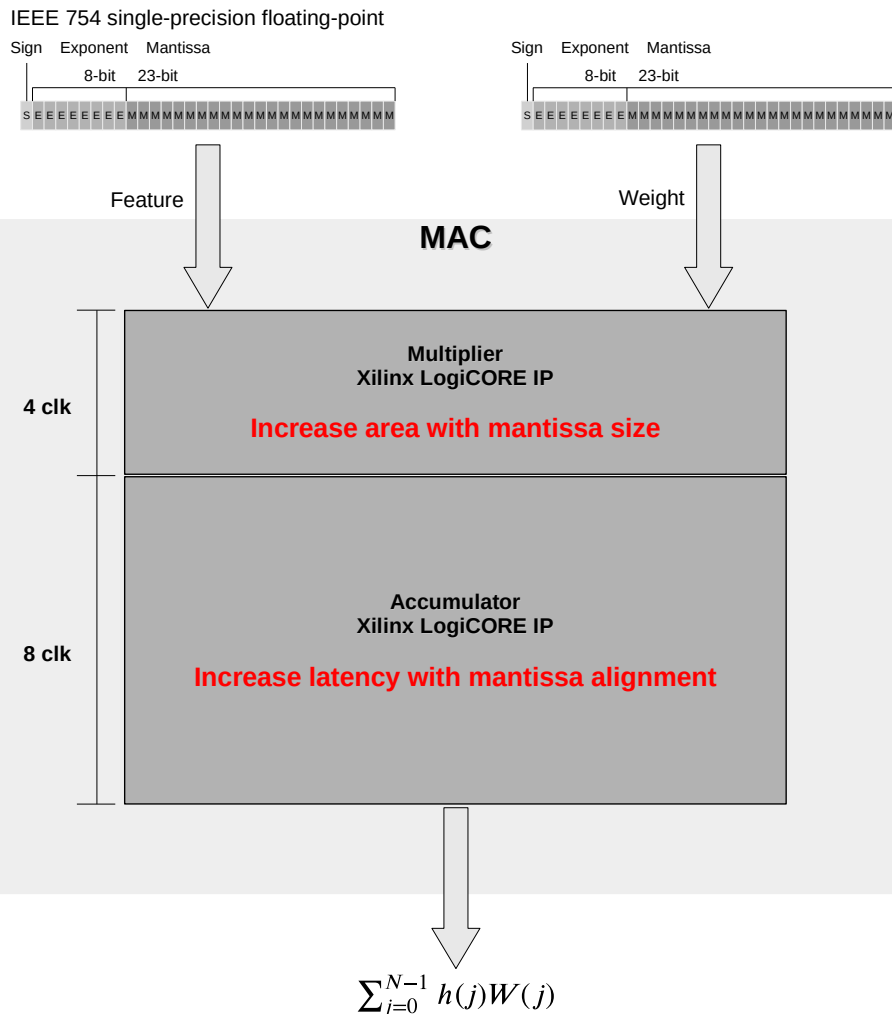


## Floating-Point Multiply-Accumulate Unit: Assessing Non-Optimized Operations



Loop pipelining:

$$\text{Latency} = (II \times (N - 1)) + IL$$

$$\text{Latency} = 8N + 4$$

*N: Vector length*

### Infinity and NaN: Not expected

## Handles subnormal cases

$$\sum_{j=0}^{N-1} h(j)W(j)$$