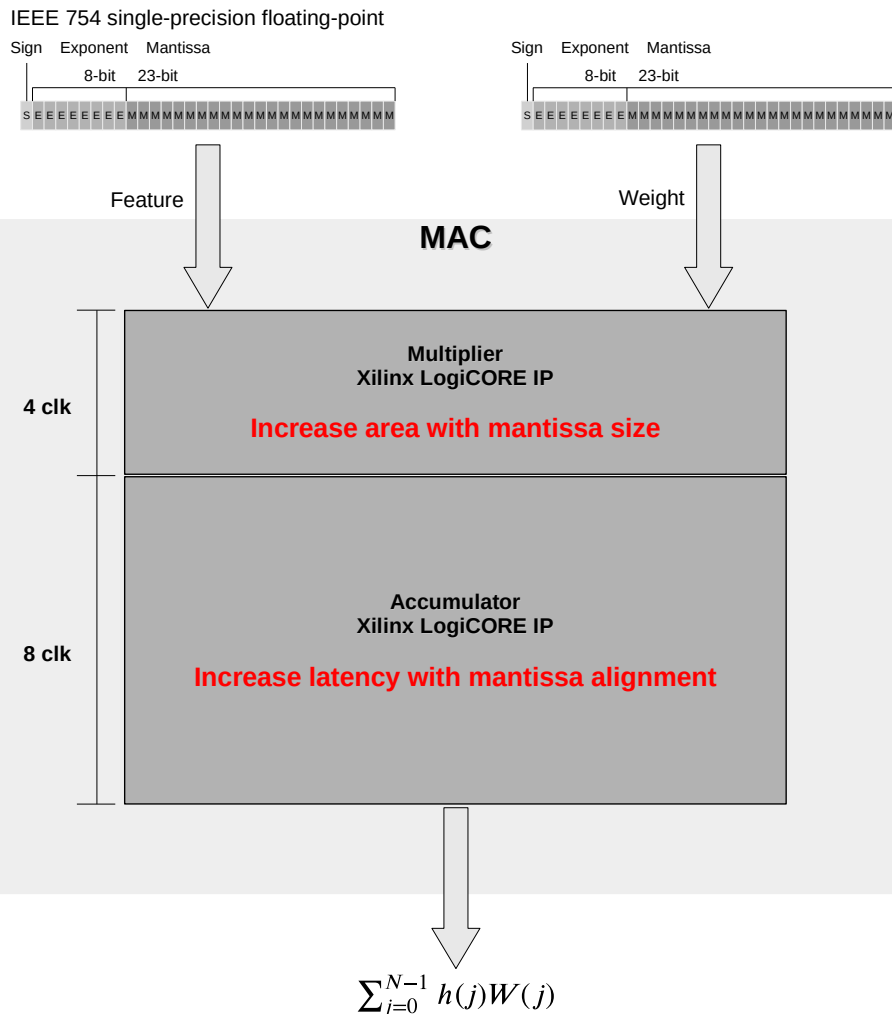


## Floating-Point Multiply-Accumulate Unit: Assessing Non-Optimized Operations



Loop pipelining:

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

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

### Infinity and NaN: Not expected

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