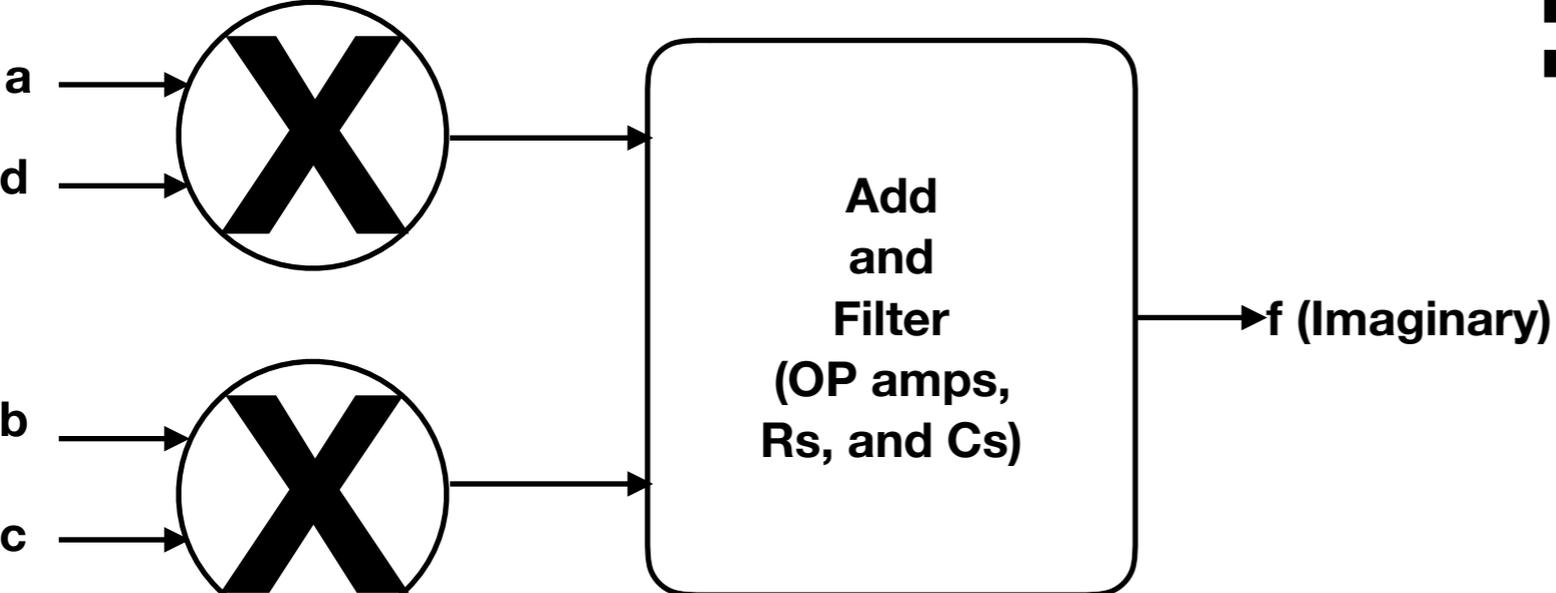
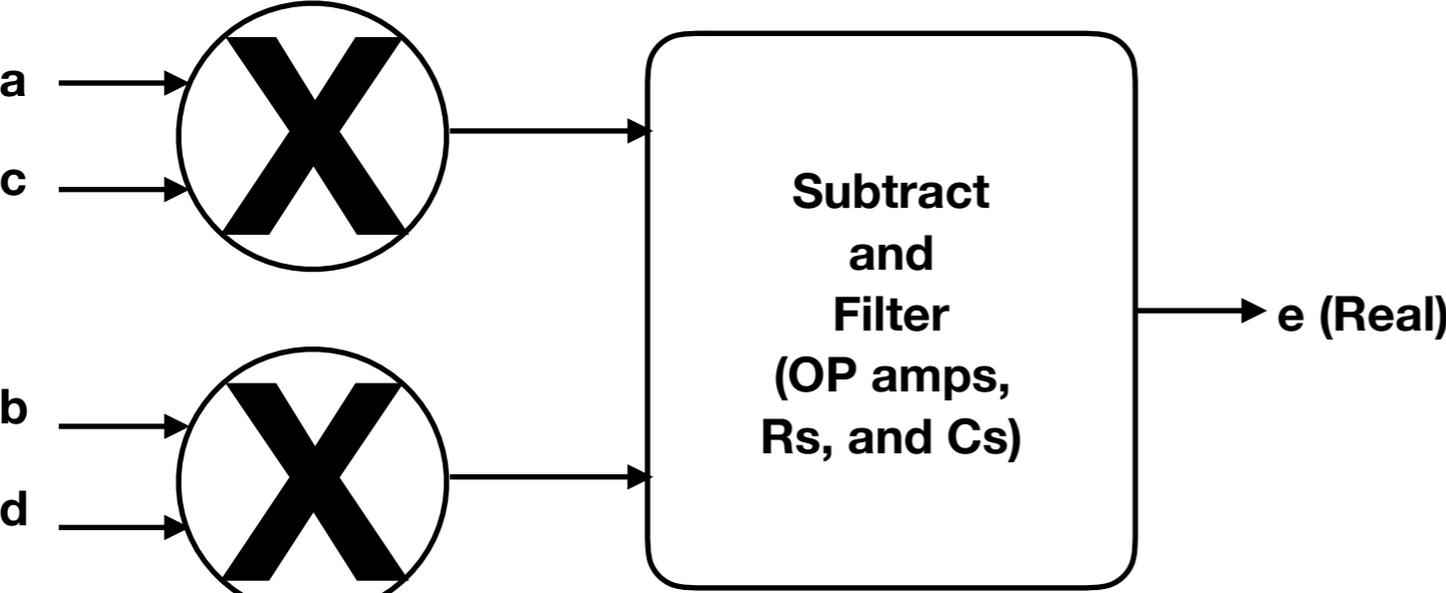


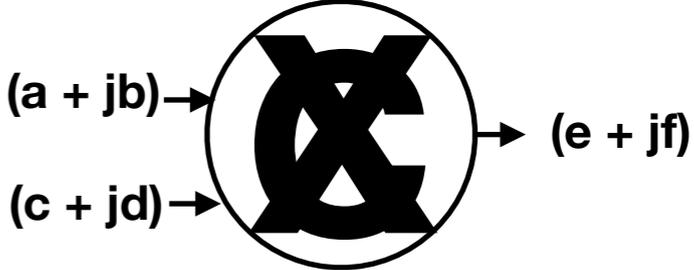
*Block diagram is on the next page.

Complex Multiplier

$$(a + jb)(c + jd) = (ac - bd) + j(ad + bc)$$



=



Each is a four quadrant multiplier (one of four on a chip).