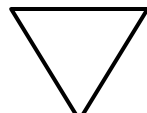
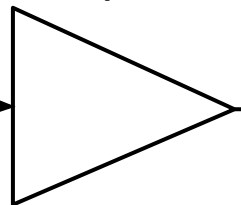


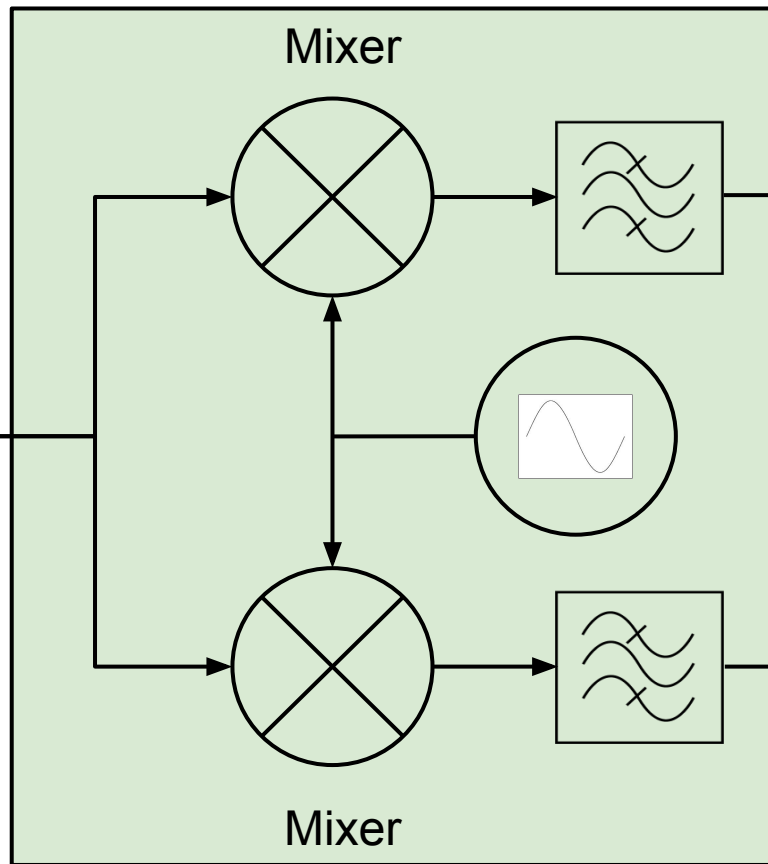
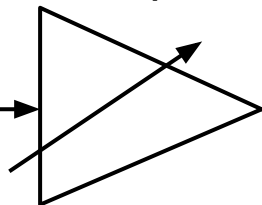
Signal Source
(Antenna)



Low Noise
Amplifier



Programmable
Gain Amplifier



Direct Conversion Converter

Analog I
(ϕ)

Analog Q
($\phi+90^\circ$)