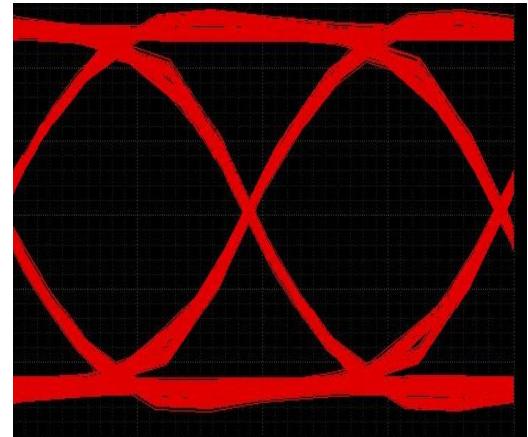
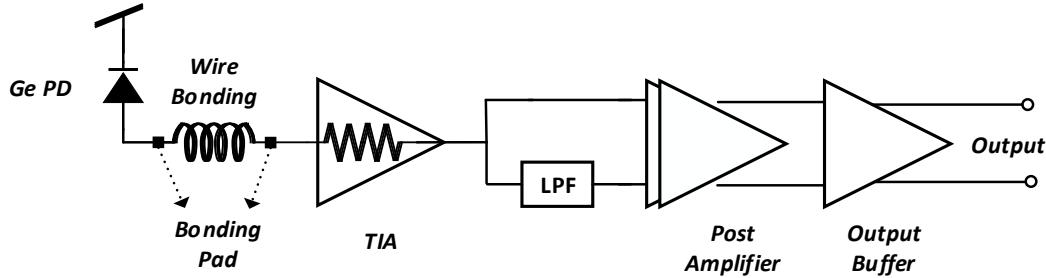
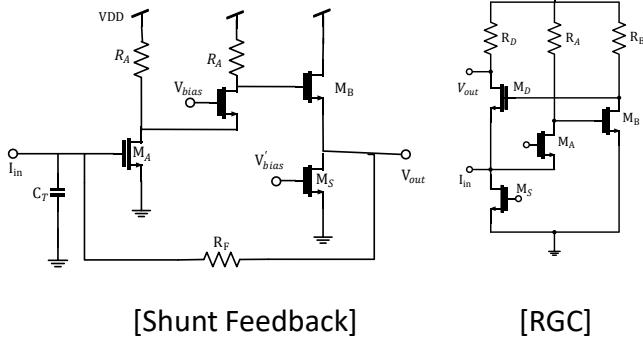


Low-noise optical receiver front-end

- 25 Gb/s Low-noise ORx front-end



<25 Gb/s Eye Simulation @ Shunt feedback TIA>



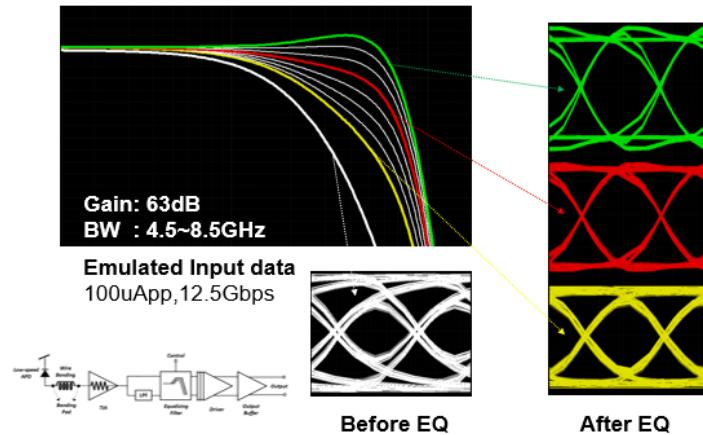
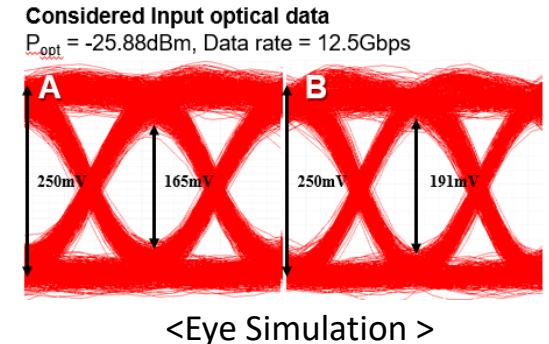
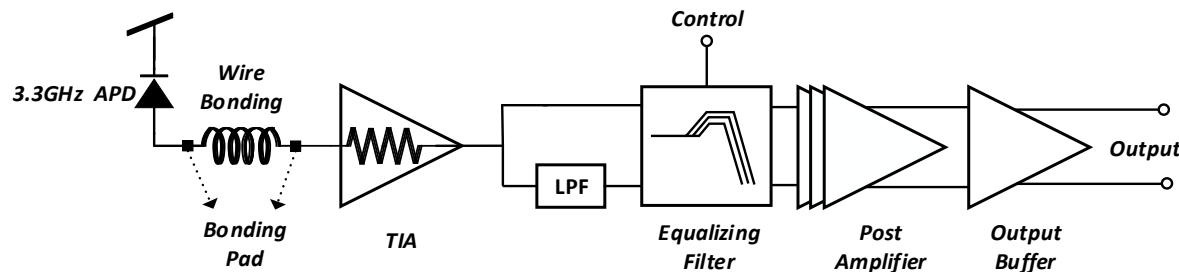
<Compare of noise by TIA type>

<Input referral function for noise optimizing>

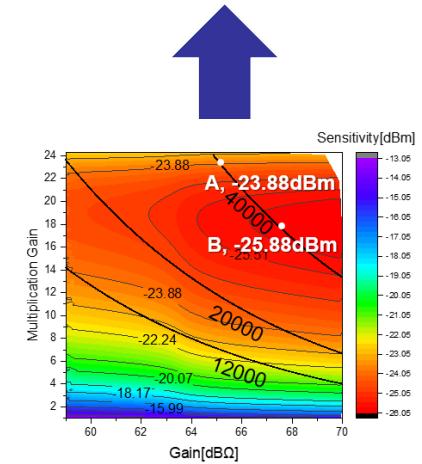
<Performance comparison>

Optical receiver with low speed APD

- 12.5Gb/s optical receiver with low speed APD



<Equalizer verification >



<Sensitivity optimizing>