

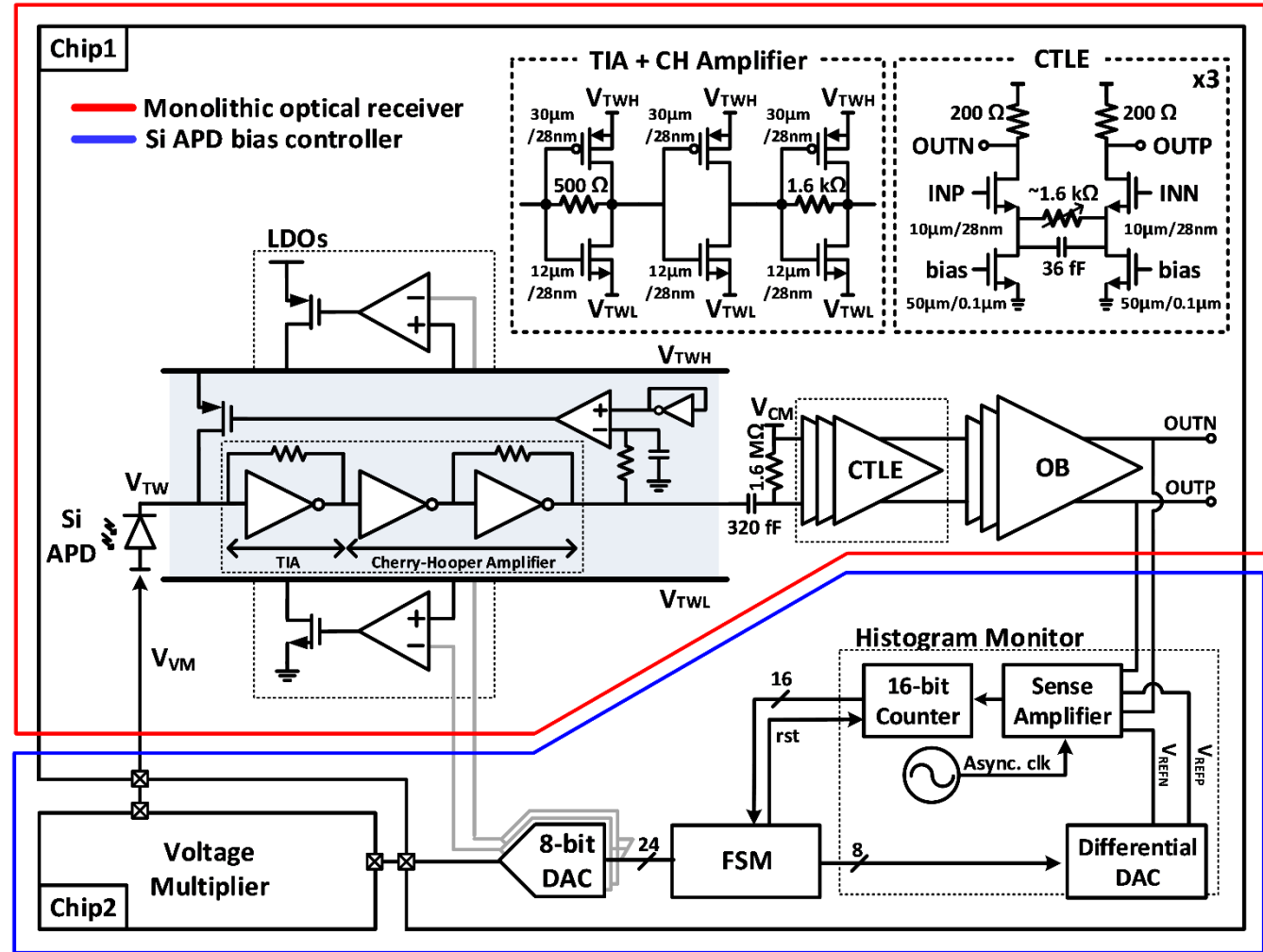
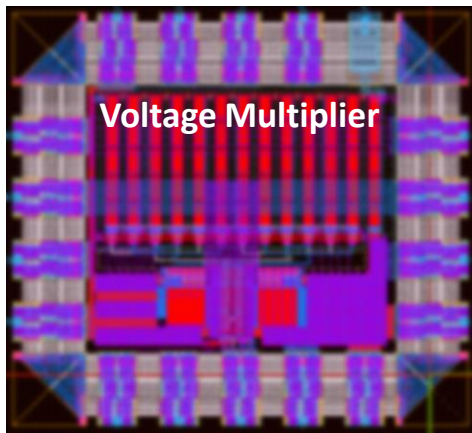
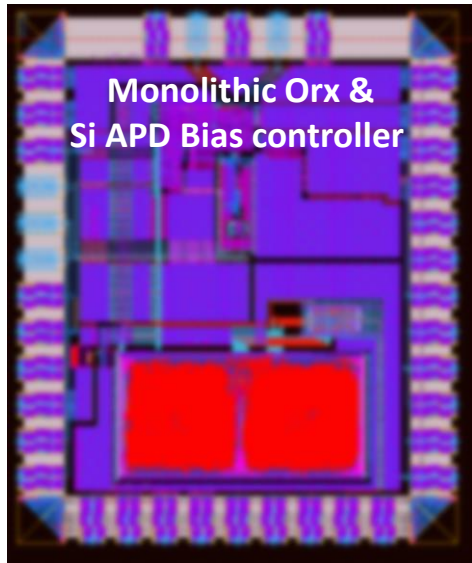
The background of the slide features a large, light blue watermark of the Yonsei University seal. The seal is circular with the text 'YONSEI UNIVERSITY' around the top and 'YONSEI' at the bottom. In the center is a shield with a book, a torch, and a central circle. Below the shield is a diamond shape containing the year '1885'.

2025 Workshop

Jae-Ho Lee

**High-Speed Circuits & Systems Lab.
Dept. of Electrical and Electronic Engineering
Yonsei University**

- 25-Gb/s Monolithic ORx With a Si APD Bias Controller Using Histogram Monitoring (w/ SJ)



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$$SNR = \frac{\text{signal}}{\text{noise}} = \frac{S_{p2p}}{\sigma} \cong k' \times S_{p2p} \times N_{\text{peak}}$$

