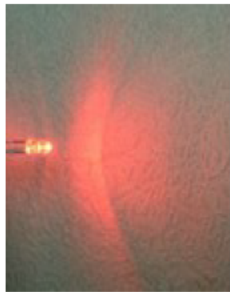


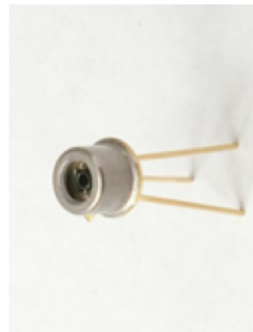
# Optical Communication and Audio

Yasaka Laboratory, Research Institute of Electrical Communication

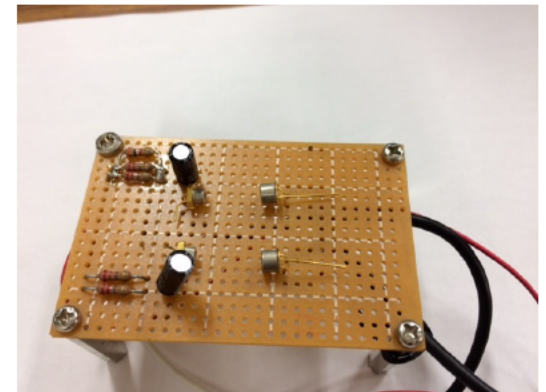
High-speed optical signal transmissions are becoming an essential technology as the number of internet users increases. In this seminar, we will learn a variety of applications of photonic technologies in the world. An analog audio and an optical circuit with a light-emitting diode (LED) and a photodetector (PD) will be fabricated and used to understand audio instruments and optical signal transmission technologies.



LED for optical  
signal generation



PD for optical  
signal detection



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