INFRARED TRANSMITTER

ABSTRACT

An infrared transmitter is obtained that transmits a signal by changing a luminance of an infrared emitting LED, the infrared transmitter including: a transmission signal generating unit; a biasing voltage generating unit that generates a biasing voltage according to a magnitude of a transmission signal; a signal/voltage mixing unit that mixes the transmission signal and the biasing voltage; and a voltage-current conversion unit that converts a voltage into a current, in which the LED is driven by the current obtained by the conversion in the voltage-current conversion unit, so that power consumption efficiency can be improved.

Fig. 1