Abstract

OPFET (Optical Field Effect Transistor) is a useful device for optical communication and as photo detector. In this paper, the I-V characteristics of the back illuminated OPFET are plotted using finite difference methods by solving the without time dependent continuity equations in which the incident radiation is allowed to enter through the substrate by inserting a fiber partially
into the substrate. The switching time of the device has also been plotted.

Reference


Index Terms

Computer Science
Communications
## Key words

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