

ABSTRACT

The present application relates to a photoelectric detector and an optical chip. The photoelectric detector comprises: a light guide part, located in the first area and used for conducting incident light; an absorption part, located in a second area connected to the first area, connected to
5 the light guide part and used for absorbing incident light and generating photon-generated carriers; a semiconductor conductive part, comprising an N-type conductive part and a P-type conductive part, the N-type conductive part and the P-type conductive part being located on the two sides of the absorption part, respectively; and an electrode part, comprising a cathode and an anode, the cathode being connected to the N-type conductive part, and the anode being connected to the P-
10 type conductive part. A conductive area between the absorption part and the electrode part extends from the second area to the first area. According to embodiments of the present application, the performance of the photoelectric detector can be effectively improved.

FIG. 1