

ABSTRACT

PIXEL COLLECTION CIRCUIT AND IMAGE SENSOR

The present disclosure provides a pixel collection circuit and an image sensor. The pixel collection circuit includes: a photoelectric detection module configured to monitor an optical signal in real time and output a corresponding electric signal; a triggering generation module configured to generate a triggering generation signal when a change frequency of the electric signal exceeds a predetermined frequency threshold and an amplitude of the electric signal meets a predetermined condition, and output the triggering generation signal to the interface logic module; and the interface logic module configured to output a triggering state signal upon the receipt of the triggering generation signal.

Figure 3