

Based on the technical problems, the invention provides a photoelectric signal conversion device with self-adaptive data transmission rate, which comprises a first photoelectric...

This paper presents an adaptive electronics platform and a tri-modal energy harvesting approach to reduce the need for battery power.

In this research, we presented an innovative adaptive angular displacement measurement system employing a 120°; symmetric triple-sensor configuration to address the fundamental requirements of ...

In this work, we demonstrate a self-adaptive system for thermoelectric (TE) conversion through photothermal (PT) and radiative cooling (RC) effects. The proposed self-adaptive system ...

RF optical transmission module mainly achieve 2GHz ~ 4GHz RF signal transmission by fiber. The product consists of a RF optical emission module and a RF optical receiving module. Two modules ...

The purpose of the present invention is to provide a photoelectric conversion module that has a bypass diode function and that will not lose flexibility.

It has four high-speed differential signal channels, each with a transmission speed of 25Gbps, and is mainly used for high-speed interconnections between core switches and core routers in data centers.

In the presented study, we have developed an innovative energy conversion system that combines the thermal regulation advantages of phase change material with the adaptive capabilities of ...

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In this paper, we introduced an ultra-compact photoelectric converter array module fabricated with hybrid-integration microassembly process, the practical test results showed a good ...



**Full-rate adaptive  
conversion module**

**photoelectric**

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