

DATA RECEIVING CIRCUIT, DATA RECEIVING SYSTEM AND STORAGE APPARATUS

ABSTRACT

Embodiments of the disclosure provide a data receiving circuit, a data receiving system and a storage apparatus. The data receiving circuit includes: a first amplification module, configured to receive a data signal, a first reference signal and a second reference signal, perform first comparison on the data signal and the first reference signal to output a first signal pair, and perform second comparison on the data signal and the second reference signal to output a second signal pair; a decision equalization enable module, configured to receive an enable signal and a feedback signal, and output a control signal, where the enable signal has a first level value period, a level value of the control signal varies with a level value of the feedback signal, the enable signal has a second level value period, and the level value of the control signal is a fixed value; and a second amplification module, configured to receive the first signal pair or the second signal pair based on the control signal, and output a first output signal and a second output signal. According to the embodiments of the disclosure, the power consumption of the data receiving circuit can be at least reduced while the receiving performance of the data receiving circuit is improved.

[Fig. 5]