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(57)

ABSTRACT

An electronic device includes a heater, and a sampling and holding circuit coupled to the heater. The sampling and holding circuit includes a sampling unit, a register unit and a feedback unit. The sampling unit is for receiving a data signal. The register unit has an input terminal and an output terminal. The input terminal is coupled to the sampling unit, and the output terminal is for outputting a first signal. The feedback unit is coupled to the input terminal and the output terminal of the register unit. When the feedback unit is turned on, the feedback unit feeds the first signal to the input terminal.

