

YX807 Solar Lawn Light Controller

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**HONGSHENG MICRO
Semiconductor Co., Ltd**
Article 429 | Total reading 34,000

Solar lawn lamp controller

Characteristics

When the battery voltage drops to about 1.1V, the light current will be carried out.

Gradually falling, can better extend the light time of rainy weather

High efficiency: 83% (typical), sufficient

Using solar cells

Less peripherals: only one inductor

Low-voltage battery protection function

The input current can be adjusted by the inductance

Scope of application

Solar lawn lights



Landscape decoration lamp string



Interior decoration lights

Description

YX807 is a high-performance solar lawn lamp boost control core

The chip is suitable for a 1.2V rechargeable battery-powered solar lawn lamp.

The main functions are charging control, boost drive, light control and so on.

YX807 Light Current with Automatic Adjustment, on Rainy Day

When the battery voltage is low, when the battery voltage is about 1.1V, the light

The current will gradually decrease, which will be longer than the lighting time controlled by the conventional chip.

-3 hours.

YX807 adopts green SOT23-6S, SOT23-5 and TO-94

Packaging and at least 1 peripheral device can effectively reduce the circuit PCB board

The space.

24 hours of heat.



The "Year of the Little South"

35,000 Reading



From the classroom to the cafeteria, the fox you campus
1.8 million to read.



60 years old, fat East founder in the east, announced the Spring
320,000 Reading



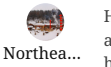
Guo Shiqiang reiterated the selection criteria of the
53 million Reading

Sohu



Funny n...

What is the history and culture of Wuxi County and the famous people?



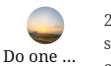
Northea...

Heihe Market Supervision and Administration Bureau held a meeting on the securi...



People's ...

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Do one ...

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China Co...

Anhui "Guangde three-piece set" fire! The fire is the fourth set.



China N...

"Southern Year" to Hong Kong New Year's Eve Market