

ORISTREAK LTD.



漢沅有限公司
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PRODUCT LIST – IC PRODUCT

- **LED Driver IC (GREEN PRODUCT)**

- **HY2821**

- Operation 5~40V

- SOT23 5-pin small package.

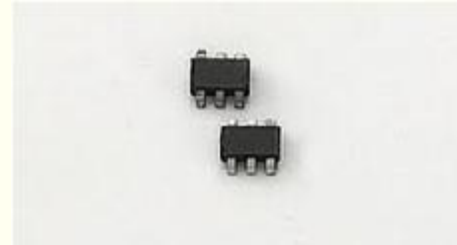


- **HY3010**

- Operation 3V~40V

- Output switching current to 1A.

- SOT-23 6-pin small package.



- **HY3015**

- Operation 3V~40V

- Output switching current to 1.5A

- TO252-5L 5-pin Power package



- **HY7700**

- Operation 9V~450V

- Constant Current LED driver controller

- PWM Low-Frequency Dimming

- Input Voltage Surge ratings up to 450V

- SOP-8L 8-Pin SOP Package



PRODUCT LIST – IC PRODUCT

•LED Driver IC (GREEN PRODUCT)

•HY3110

Operation 7V~36V

Constant Current LED driver

PWM Low-Frequency Dimming

PFM mode. Switching frequency up to 1.0 MHz

High efficiency (up to 95 %)

SOP-8L 8-Pin SOP Package



•HY402/HY402U (BCR402U)

Operation 5V~40V

Constant Current LED driver

Constant Driving Current 20mA.

Max Output Current 65mA.

Support to Parallel connecting

Input Voltage Surge ratings up to 40V

SOT23-5L 5-Pin SOT Package.(HY402)

SOT23-6L 6-Pin SOT Package.(HY402U)



PRODUCT LIST – IC PRODUCT

•VOLTAGE REGULATOR IC (GREEN PRODUCT)

•HY5171

Operation 2.7V~30V
Switch Mode Step-up Voltage Regulator
Integrated Power Switch 1.5A
External Synchronization
Regulates Positive or Negative output voltage.
SOP-8L 8-Pin SOP Package.



•HY2596A

Operation 5V~40V
Switch Mode Step-down Voltage Regulator
3A Output Current ability
Adjustable Output Voltage
150KHz Fixed Frequency
Regulates Positive or Negative output voltage.
ESOP-8L 8-Pin SOP Package
TO263-5L Power Package

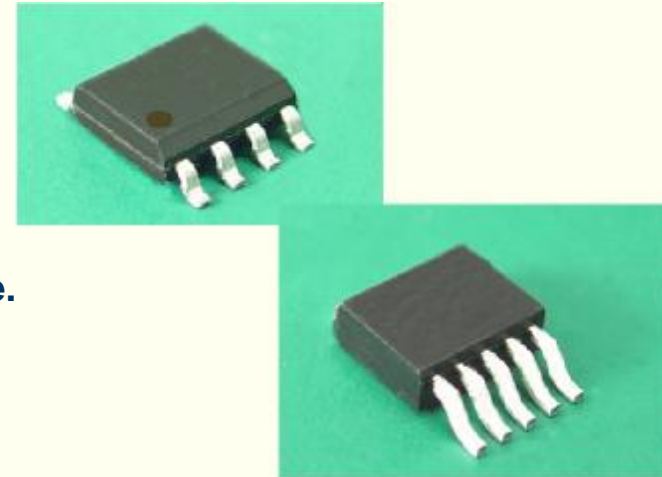


PRODUCT LIST – IC PRODUCT

•VOLTAGE REGULATOR IC (GREEN PRODUCT)

•HY2596H

Operation 5V~60V
Switch Mode Step-down Voltage Regulator
3A Output Current ability
Adjustable Output Voltage
150KHz Fixed Frequency
Regulates Positive or Negative output voltage.
ESOP-8L 8-Pin SOP Package
TO263-5L Power Package



•HY2595

Operation 5V~40V
Switch Mode Step-down Voltage Regulator
2.2A Output Current ability
Adjustable Output Voltage
150KHz Fixed Frequency
Regulates Positive or Negative output voltage.
SOP-8L 8-Pin SOP Package



PRODUCT LIST – IC PRODUCT

•VOLTAGE REGULATOR IC (GREEN PRODUCT)

•HY491

Operation 3V~40V

Switch Mode DC-DC Voltage Regulator

500mA Output Current ability

Adjustable Output Voltage

150KHz Fixed Frequency

BUCK / BOOST Regulator

Extend Output Current With External MOSFET

SOT23 6-Pin SOP Package



PRODUCT SELECTOR GUIDES

| LED Driver IC | | | | | | |
|----------------------|--------------------------------|--------|--------|-------------------------|--|---------------------|
| Device | Topology | VIN | | Output Current (mA) | Dimming | Package Option |
| | | min(V) | max(V) | | | |
| HY3010 | PFM BUCK | 3 | 40 | 1000 | PWM | SOT23-6L |
| HY3015 | PWM BUCK | 3 | 40 | 1500 | External Circuit | TO252-5L |
| HY7700 | PFM · PWM BUCK · BUCK-BOOST | 9 | 450 | External MOS | PWM · Linear | SOIC-8L |
| HY3110 | PFM BUCK | 7 | 36 | 1000 | PWM | SOIC-8L |
| HY402/402U | Linear | 5 | 40 | 20/65(MAX) | | SOT23-5L/6L |
| Voltage Regulator IC | | | | | | |
| Device | Topology | VIN | | Current Ability (mA) | ENABLE | Package Option |
| | | min(V) | max(V) | | | |
| HY2596A | PWM BUCK | 5 | 40 | 3000 | PWM | ESOP-8L TO263-5L |
| HY2596H | PWM BUCK | 5 | 60 | 3000 | PWM | ESOP-8L TO263-5L |
| HY5171 | PWM BOOST · SEPIC | 2.7 | 30 | 1500 | External Synchronization | SOIC-8L |
| HY491 | BUCK · BOOST | 3 | 40 | 500 | Extend Current with External MOSFET | SOT23-6L |
| HY2595 | BUCK | 5 | 40 | 2200 | PWM | SOIC-8L |
| Other IC | | | | | | |
| Device | FUNCTION | VIN | | Current Ability (mA) | ENABLE | Package Option |
| | | min(V) | max(V) | | | |
| HY2821 | Power LED Driver tool. | 5 | 40 | External Regulator | N/A | SOT23-5L |

