

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.

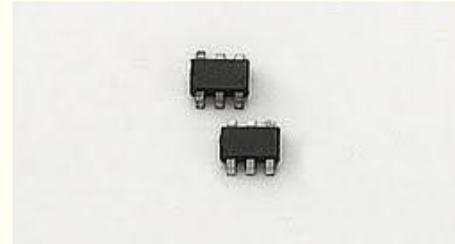


- **HY3010**

- Operation 3V~40V

- Output switching current to 1A.

- SOT-23 6-pin small package.

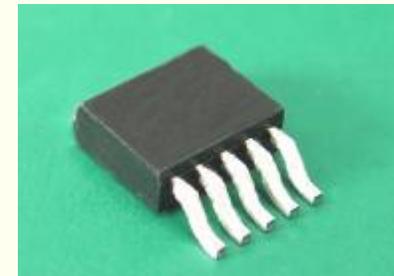


- **HY3015**

- Operation 3V~40V

- Output switching current to 1A

- 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

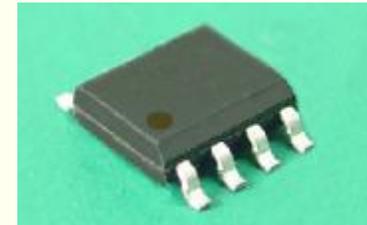


PRODUCT LIST – IC PRODUCT

•LED Driver IC (GREEN PRODUCT)

•HY7701B

Operation 9V~600V
Constant Current LED driver controller
PWM Low-Frequency Dimming
Fixed frequency or fixed off-time operation
Input Voltage Surge ratings up to 600V
SOP-8L 8-Pin SOP Package



•HY7731

Operation 8V~450V
Constant Current LED driver controller
PWM Low-Frequency Dimming
Fixed frequency or fixed off-time operation
Input Voltage Surge ratings up to 450V
Unity power factor
SOP-8L 8-Pin SOP Package.



PRODUCT LIST – IC PRODUCT

•VOLTAGE REGULATOR IC (GREEN PRODUCT)

•HY2596

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



•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.



PRODUCT SELECTOR GUIDES

LED Driver IC

Device	Topology	VIN		Output Current	Dimming	Package Option
		min(V)	max(V)	(mA)		
HY3010	PFM	3	40	1000	PWM	SOT-23-6L
	BUCK					
HY3015	PWM	3	40	1500	External Circuit	TO252-5L
	BUCK					
HY7700	PFM · PWM	9	450	External FET	PWM · Linear	SOIC-8L
	BUCK · BUCK-BOOST					
HY7701B	PFM · PWM	10	600	External FET	PWM · Linear	SOIC-8L
	BUCK · BUCK-BOOST					
HY7731	Single-Switch PFC	8	450	External FET	PWM	SOIC-8L

Voltage Regulator IC

Device	Topology	VIN		Current Ability	ENABLE	Package Option
		min(V)	max(V)	(mA)		
HY2596	PWM	5	40	3000	PWM	SOT-23-6L
	BUCK					TO263-5L
HY5171	PWM	2.7	30	1500	External Synchronization	SOIC-8L
	BOOST · SEPIC					

Other IC

Device	FUNCTION	VIN		Current Ability	ENABLE	Package Option
		min(V)	max(V)	(mA)		
HY2821	Power LED Driver tool.	5	40	External Regulator	N/A	SOT-23-5L