



LED Driver IC

Part No.	Operating Mode	Features	Package
CN5501	Linear	<ul style="list-style-type: none">● Operating voltage: 4V to 32V● On-chip power MOSFET● Low drop-out voltage: 0.5V@500mA● Maximum output current: 1000mA● Chip temperature regulation	SOP8
CN5502	Linear	<ul style="list-style-type: none">● Operating voltage: 4V to 32V● On-chip power MOSFET● Low drop-out voltage: 0.5V@500mA● Maximum output current: 1000mA● Chip temperature regulation● On-chip 140Hz PWM generator	SOP8
CN5611	Linear	<ul style="list-style-type: none">● Operating voltage: 2.7V to 6V● On-chip power MOSFET● Low drop-out voltage: 0.28V@500mA● Maximum output current: 800mA	SOT89-5
CN5612	Linear	<ul style="list-style-type: none">● Operating voltage: 2.7V to 6V● On-chip power MOSFET● Low drop-out voltage: 0.56V@1.1A● Maximum output current: 1.2A	TO252-5
CN5710	Linear	<ul style="list-style-type: none">● Operating voltage: 2.8V to 6V● On-chip power MOSFET● Low drop-out voltage: 0.22V@800mA● Maximum output current: 800mA● Chip temperature regulation	SOT89-5
CN5711	Linear	<ul style="list-style-type: none">● Operating voltage: 2.8V to 6V● On-chip power MOSFET● Low drop-out voltage: 0.37V@1.5A● Maximum output current: 1.5A● Chip temperature regulation	SOP8
CN5728	Linear	<ul style="list-style-type: none">● Operating voltage: 2.8V to 6V● 4 operating modes: High brightness, Low brightness, Flash and Off● On-chip power MOSFET● Low drop-out voltage: 0.4V@1.5A● Maximum output current: 1.5A● Chip temperature regulation	SOP8

(Continued on the next page)



LED Driver IC_(Continued)

Part No.	Operating Mode	Features	Package
CN5730	Linear	<ul style="list-style-type: none">● Operating voltage: 2.85V to 6V● 4 operating modes: Off, High brightness, Low brightness and Flash● On-chip power MOSFET● Low drop-out voltage: 0.4V@1.5A● Maximum output current: 1.5A● Chip temperature regulation	SOP8
CN5820	Buck/Switch	<ul style="list-style-type: none">● Operating voltage: 4V to 28V● High-Side Current Sense● Hysteretic Control: No Compensation● 5V, 5mA On-Board Regulator● Dedicated Dimming Control Input	SOT23-6
CN5815	Boost/Switch	<ul style="list-style-type: none">● Constant Current HB LED Driver● LED Current Set by an External Resistor● ±10% LED Current Accuracy● Peak Current Mode PWM Controller● 4.5V to 32V Input Range● 330kHz Switching Frequency● PWM Dimming● Cycle-by-Cycle Peak Inductor Current Limit● Internal Soft-start● Built-in 5V regulator● Low Shutdown Current	SSOP10
CN5816	Buck-Boost /Switch	<ul style="list-style-type: none">● Peak Current Mode Controller● 4.5V to 32V Input Range● Buck or Buck-Boost Operation● 330kHz Switching Frequency● High Side Current Sense● 120mV Current Sense Threshold● Cycle-by-Cycle Peak Inductor Current Limit● Programmable Over Voltage Protection● Internal Soft-start to Avoid Inrush Current● Built-in 5V Regulator● Low Shutdown Current	SSOP10