



Feature

- Stable and Precise Constant Output Current
- Wide Input Voltage Range (85Vac~264Vac)
- High Power Factor (>0.88)
- High Power Efficiency (> 90%)
- Over Current Protection (OCP)
- Over Temperature Protection (OTP)
- EMI Standard EN55015

Application

- Application for DC/DC or AC/DC LED Lighting Drive
- T8 Tube Driver

Description

Chiplus Driver Module is a High- Brightness LED power driver to supply a string of LEDs using IC CS8901 from a universal AC input voltage. It can supply maximum output current up to 400mA from a wide input voltage - 85 to 264VAC, 50/60Hz.

The Driver Module can meet EN55015 of EMI Standard and provide high Efficiency at full load. Also this driver module build in two kinds of Protection Circuitry-Over Current Protection (OCP) and Over Temperature Protection (OTP)

It consists of a diode bridge rectifier followed by Current-Controlled Buck Converter. Its output current can be adjusted in two ways-either with Linear Dimming and PWM Dimming(Pulse Width Modulation). Also its frequency can be programmed to operate in either Constant Frequency or Constant Off-Time mode



Recommend Application

We provide 3 types of module with different output current or output voltage applications.

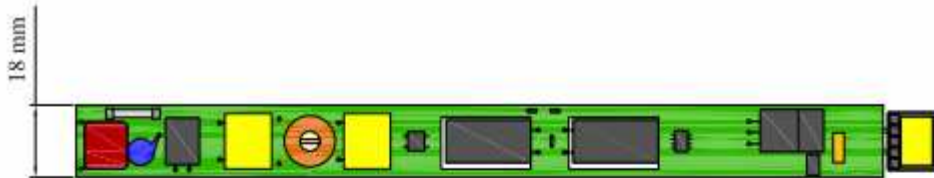
Table 1 : Product List

Product No.	CSTA18010-T005-T006	CSTA36020-T005-T007	CSTB40020-T007-T002
Input voltage range	85~264Vac	85~264Vac	85~264Vac
Input current (max.)	0.13A	0.2A	0.2A
Input Frequency	50 / 60Hz		
PF	>0.88	>0.88	>0.88
Power consumption	10W	20W	20W
Output voltage	48V	52V	45V
Output current	180mA	360mA	400mA
Efficiency	> 90%	> 90%	> 90%
Protection	Over Current Protection	Automatic Recovery	
	Over Temperature Protection	Automatic Recovery	
Dimension (length*width*height)	204X18X13mm		
Power On / Off Test	> 10000 times		
Guarantee Life time	> 35000 hours		

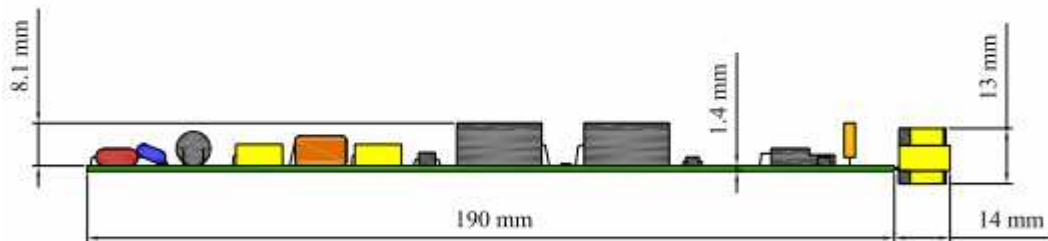
Note 1: The best parameter of Driver Product can adjust base on your application.

Note 2: Chiplus can survey other Driver Product when you require it.

Outline



TOP VIEW



SIDE VIEW