

LED String Light Drive Module (Environmental Protection)

Module: KE0103

Introduction

This module is mainly used with our product LED light string. In the LED light string, it needs to drive with DC 12V, while the commonly used arduino single-chip signal terminal voltage is 5V, so we specially designed this module in order to allow LED lights can be directly controlled by arduino microcontroller. In the module phase, it will boost DC 5V to DC 12V. When the S signal is high level (5V), the white port outputs DC 12V, otherwise the white port output is 0V.

Specification:

Input voltage:	DC 5V
Output voltage:	DC 12V set
Guaranteed Output:	12V/ 200mA Output with 5V Input
Interface:	3PIN interface
Input signal:	digital signal from Arduino
DC-DC Converter:	AIC1896

Pins: Input: GND-VCC-S
Output: A-K

Note: 5V to be supplier , not from the Arduino's 5V output pin.

