



- Step-down switching regulator module.
- Based on LM2596 power supply.
- Adjustable output voltage from 1.5V to 35V.
- Excellent line and load regulation.
- High switching frequency (150 kHz) for stable performance.
- Reliable performance in automation and embedded system.

## Introduction

DC-DC Buck Converter power supply 24V to 5V Step down Module LM2596 is a step-down (buck) switching regulator, capable of driving a 3-A load with excellent line and load regulation. These devices are available in fixed output voltages of 3.3 V, 5 V, 12 V and an adjustable output version. Key advantages of buck converters include their high efficiency, compact size, and ability to provide a stable output voltage.

## Specifications

### General

Country of Origin	India
Current	Rated 2A and Maximum 2.5A
Indication	Power ON
Efficiency	90%

### Power Parameters

Input Voltage	DC 9V-36V
Output Voltage	1.5V – 35V

### Environment

Operating Temperature	-35°C to 120°C
Operating Humidity	5% - 95% RH (non-condensing)
Storage Temperature	-50°C to 140°C

## Order Information

Part No.	Description
AT- BK	DC-DC Buck Converter 24V to 5V