

# 5V 3A Dual USB Step Down Buck Converter Module

DFR0884

## Product Overview

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For the most up-to-date information, visit [www.mouser.com](http://www.mouser.com) or the supplier's website.

## Description

DFRobot 5V 3A Dual USB Step Down Buck Converter Module is a small 12V to 24V input voltage ranging converter that supports all 5V main controllers. The module has two USB ports that can output 5V/3A at the same time. With up to 85% conversion, the buck module offers excellent heat dissipation and has reverse connection protection and overload protection. When the current of any output port exceeds 3.5A, the module will switch off.



With the steady output, this converter can work for a long time without voltage shift, which is well applicable to demanding occasions like smart home, small car power, robot project, DIY power source, and so on.

## Features

- 12V to 24V input voltage range
- 5.1V  $\pm 5\%$  no-load voltage
- 3A maximum output current
- >85% conversion efficiency
- $\leq 5\text{mA}$  static power consumption
- $-25^\circ\text{C}$  to  $65^\circ\text{C}$  working environment temperature
- 0%RH ~ 95%RH working environment humidity

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## Mouser Part Number

[View Part](#)

To learn more, visit <https://www.mouser.com/new/dfrobot/dfrobot-5v-3a-buck-converter-module/>