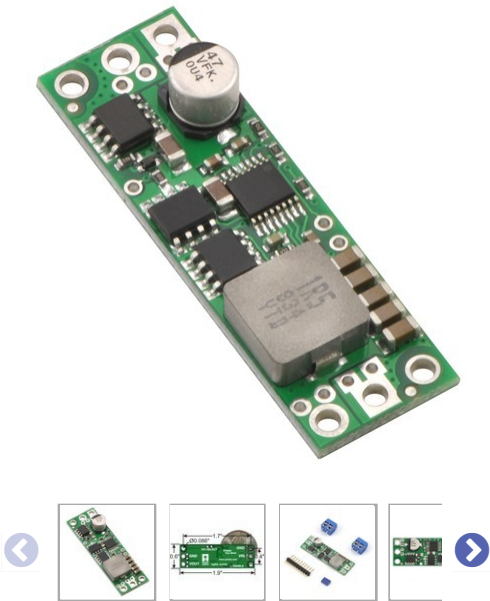


Pololu Step-Down Voltage Regulator D15V70F5S3



Pololu item #: 2111
Brand: [Pololu](#)
Status: Discontinued ⓘ

This product has been discontinued.

Please consider the newer [D24V90F5 \(5V, 9A\)](#), [D24V60F5 \(5V, 6A\)](#), and [D24V50F5 \(5V, 5A\)](#) as alternatives to this product. This older regulator is now only available by large-volume special order. Please [contact us](#) for more information.

The compact (1.9"×0.6") D15V70F5S3 switching step-down (or buck) voltage regulator takes an input voltage between 4.5 V and 24 V and efficiently reduces it to a lower, user-selectable voltage. The selectable output voltages are 5 V and 3.3 V, and it can deliver 7 A continuous in typical applications.

Alternatives available with variations in these parameter(s): continuous output current [Select variant...](#)

Description **Specs (12)** **Pictures (5)** **Resources (1)** **FAQs (0)** **On the blog (0)**

Dimensions

| | |
|---------|--------------------|
| Size: | 1.9" x 0.6" x 0.3" |
| Weight: | 6 g ¹ |

General specifications

| | |
|----------------------------|-------------------|
| Minimum operating voltage: | 4.5 V |
| Maximum operating voltage: | 24 V |
| Maximum output current: | 16 A ² |
| Minimum output voltage: | 3.3 V |
| Maximum output voltage: | 5 V |

| | |
|-------------------------------------|------------------|
| Continuous output current: | 7 A ³ |
| Reverse voltage protection?: | Y |
| Maximum quiescent current: | 45 mA |

Identifying markings

| | |
|----------------------------|--------|
| PCB dev codes: | reg05a |
| Other PCB markings: | 0J2320 |

Notes:

- 1 Without included hardware.
- 2 Threshold for over-current protection. Output current is also limited by thermal dissipation.
- 3 Typical. Actual continuous output current limited by thermal dissipation.