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## RedyKit for the ADP150 LDO

### FEATURES

- ADP150** ultralow noise voltage regulator
- All-voltage options included for evaluation
- Surface-mount **ADP150** parts that can be easily soldered
- Additional parts for prototyping

### ADP150UJZ-REDYKIT CONTENTS

- 1 **ADP150UJ-3.3-EVALZ** evaluation board,  $V_{OUT} = 3.3\text{ V}$
- 1 **ADP150UJ-1.8-EVALZ** evaluation board,  $V_{OUT} = 1.8\text{ V}$
- 5 additional **ADP150** voltage options in a labeled bag

### GENERAL DESCRIPTION

The **ADP150UJZ-RedyKit** RedyKit™ allows simplified prototyping and evaluation and is available for every standard fixed output voltage option in the **ADP150** product family. The RedyKit allows the user to evaluate all voltage options with one easy-to-order kit.

All surface-mount **ADP150** parts are sorted and stored in the kit with the Analog Devices, Inc., part number and fixed output voltage clearly printed on each zip-top bag (see Figure 2).

The kit can be used in the engineering lab to evaluate required voltage options. When other voltage options need to be evaluated, a different part from the kit can be easily soldered onto one of the evaluation boards supplied with the kit.

### TYPICAL APPLICATION CIRCUITS

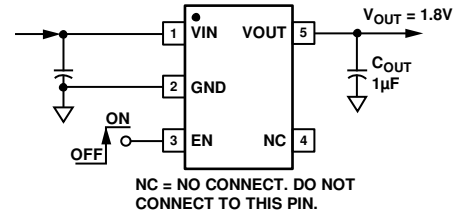


Figure 1. **ADP150UJZ-RedyKit**

The **ADP150UJZ-RedyKit** comes with fixed 1.8 V and 3.3 V evaluation boards. The kit also contains additional parts for prototyping. The kit, which contains individually packaged parts and the two evaluation boards, is packaged in an ESD foam pad inside a treated cardboard box that measures 8.7" (L) × 7.9" (W) × 1.75" (H), that is, 22 cm (L) × 20 cm (W) × 4.5 cm (H).

For additional information, also see the ADP150 evaluation board user guide, [UG-054](#).

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**REVISION HISTORY**

**6/11—Revision 0: Initial Version**

## REDYKIT PACKAGES



Figure 2. ADP150UJZ-RedyKit Package



EVALUATION BOARD SCHEMATIC AND ARTWORK

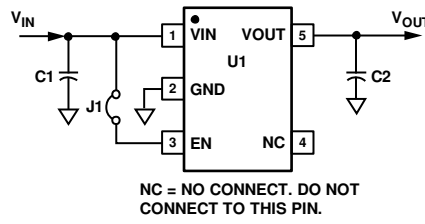


Figure 3. ADP150UJZ-RedyKit Evaluation Board Schematic

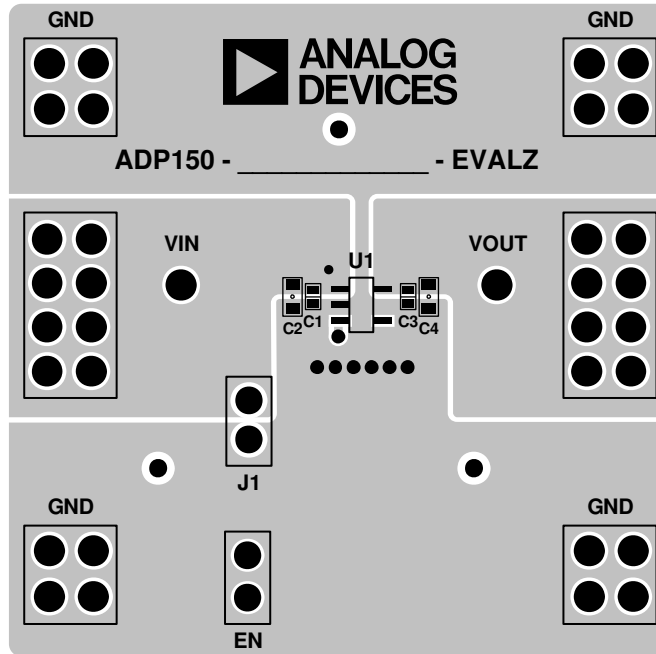


Figure 4. ADP150UJZ-RedyKit Evaluation Board Layout

## ORDERING INFORMATION

### REDYKIT BILL OF MATERIALS (BOM)

Table 1. [ADP150UJZ](#)-RedyKit BOM

Qty.	Model	Output Voltage (V <sub>out</sub> )	Maximum Current	Description
1	<a href="#">ADP150UJ-3.3-EVALZ</a>	3.3 V	150 mA	Evaluation board
1	<a href="#">ADP150UJ-1.8-EVALZ</a>	1.8 V	150 mA	Evaluation board
3	<a href="#">ADP150AUJZ-1.8-R7</a>	1.8 V	150 mA	5-lead TSOT
3	<a href="#">ADP150AUJZ-2.5-R7</a>	2.5 V	150 mA	5-lead TSOT
3	<a href="#">ADP150AUJZ-2.8-R7</a>	2.8 V	150 mA	5-lead TSOT
3	<a href="#">ADP150AUJZ-3.0-R7</a>	3.0 V	150 mA	5-lead TSOT
3	<a href="#">ADP150AUJZ-3.3-R7</a>	3.3 V	150 mA	5-lead TSOT

**NOTES**

**NOTES**



## NOTES

**ESD Caution**

**ESD (electrostatic discharge) sensitive device.** Charged devices and circuit boards can discharge without detection. Although this product features patented or proprietary protection circuitry, damage may occur on devices subjected to high energy ESD. Therefore, proper ESD precautions should be taken to avoid performance degradation or loss of functionality.

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