

14引脚SOIC封装的三通道高速运算放大器通用评估板

特性

- 可快速实现试验板试验/原型操作
- 用户自定义电路配置
- 支持边缘安装型SMA连接器
- 可轻松连接至测试设备和其它电路

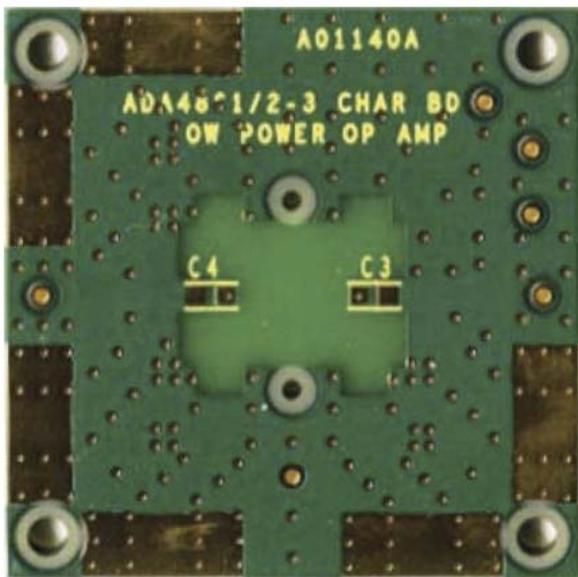
概述

EB-O14R-3Z通用评估板旨在帮助用户评估14引脚SOIC封装的三通道高速运算放大器。EB-O14R-3Z是裸板（即评估板上未焊接任何器件），用户可以快速完成各种三通道运算放大器电路的原型设计，从而最大程度地降低风险，加快产品上市。图1显示的是裸评估板的器件侧，而图2显示的是裸评估板的电路侧。

该评估板是2层印刷电路板(PCB)，输入端和输出端支持SMA边缘安装型连接器，可高效连接至测试设备或其它电路。接地层、器件放置和电源旁路经过专门设计，可以将寄生电感和电容降至最低。

图3显示的是评估板原理图。图4显示的是PCB器件侧布局图，而图5显示的是PCB电路侧布局图。

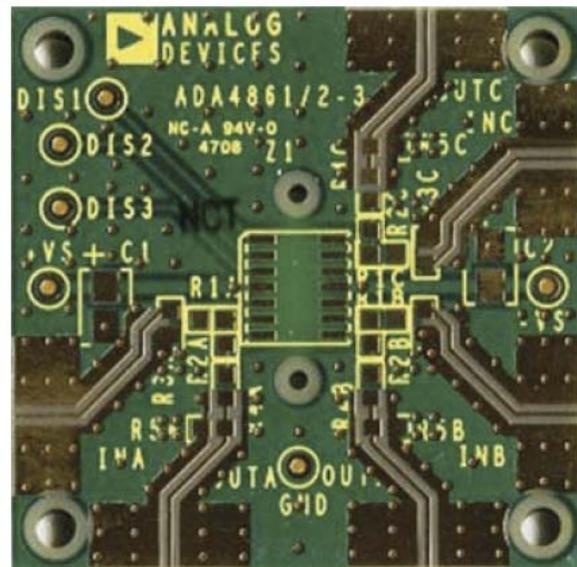
评估板的器件侧和电路侧图片



NOTES
1. THE EVALUATION BOARD SILKSCREEN PART NUMBER LABELLING ON YOUR BOARD MAY BE DIFFERENT FROM WHAT IS SHOWN HERE.

00826-001

图1. EB-O14R-3Z评估板器件侧



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修订历史

2010年3月—修订版0：初始版

评估板原理图和 PCB 布局图

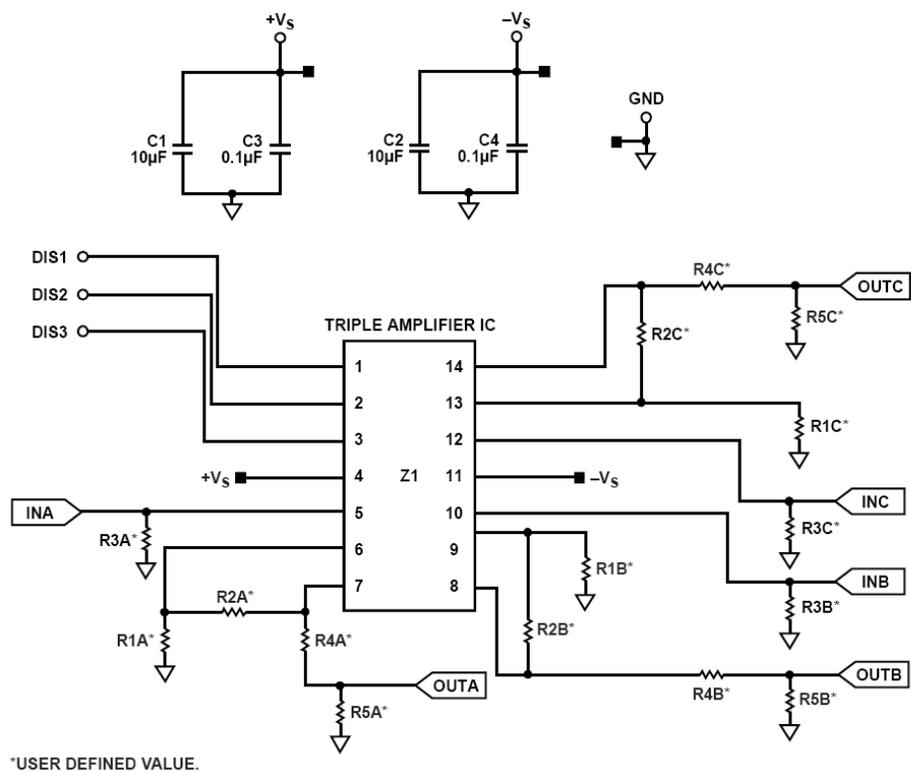


图3. EB-O14R-3Z通用评估板原理图

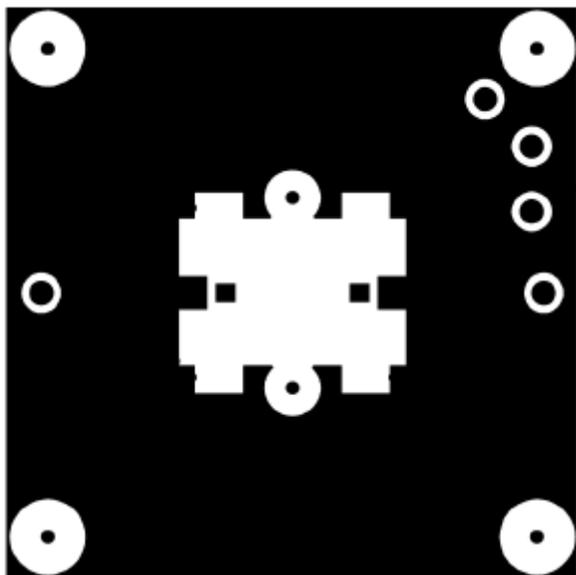


图4. 评估板器件侧布局图

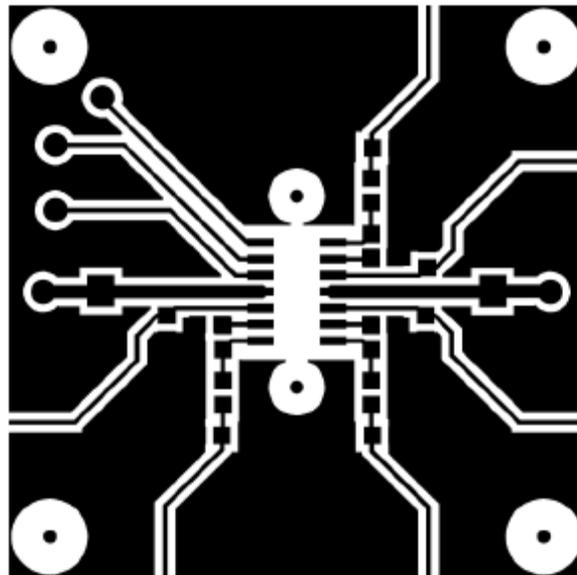


图5. 评估板电路侧布局图

订购信息

物料清单

表1.

数量	索引标识符	描述	封装
6	+V _S , -V _S , DIS1, DIS2, DIS3, GND	测试点	TP
2	C1, C2	10 μ F 电容	C3548
2	C3, C4	用户自定义电容	C0805
6	INA, INB, INC, OUTA, OUTB, OUTC	SMA/SMT	SMA/SMT
15	R1A, R1B, R1C, R2A, R2B, R2C, R3A, R3B, R3C, R4A, R4B, R4C, R5A, R5B, R5C	用户自定义电阻	R0805
1	Z1	三通道放大器 IC	14引脚SOIC

**ESD 警告**

ESD (静电放电) 敏感器件。带电器件和电路板可能会在没有察觉的情况下放电。尽管本产品具有专利或专有保护电路，但在遇到高能量 ESD 时，器件可能会损坏。因此，应当采取适当的 ESD 防范措施，以避免器件性能下降或功能丧失。

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