14引脚SOIC封装的四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
- 符合RoHS标准

概述
ADI公司的EB-O14R-4Z通用评估板旨在帮助用户评估14引脚SOIC封装的四通道高速运算放大器。EB-O14R-4Z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四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2层评估板的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。除旁路电解电容（C1和C2）为3528尺寸外，评估板器件主要采用SMT 0805外形尺寸。

图3显示的是评估板原理图。图4和图5显示的是PCB装配图。图6和图7显示的是PCB布局图。
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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、装配图和布局图

图3. EB-O14R-4Z通用评估板原理图

图4. 器件侧装配图

图5. 电路侧装配图
图6. 器件侧布局图

图7. 电路侧布局图
## 订购信息

### 物料清单

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注释
注释
评估板用户指南

注释

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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