

EVALUATION KIT FOR PA60EU PIN-OUT

EK26

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INTRODUCTION

Fast, easy breadboarding of circuits using the PA60EU are possible with the PB80 PC board. Mounting holes are provided and the provision for standard banana jacks simplifies connection and testing. The amplifier may be mounted horizontally or vertically. Components are labeled on both sides of the board for ease in probing.

A multitude of circuit configurations are possible, so only several component locations have specific functions and will usually be necessary:

C5,C8 Power supply bypasses MUST be used. Usually

ceramic types of 0.01 to 1.0µF.

C2, C9 Power supply bypass. Suggest 10µF per ampere of

output current.

R1 Feedback resistor.
R3 Input resistor.
R8, C10 Snubber network.

R4, C7 Noise gain compensation. Necessary only occasion-

ally, see Application Notes 19 and 25.

The following locations should be jumpered unless used (their most common anticipated function is listed).

R2, R10 Input protection.

CR1 V_{BOOST}.

R5, **R6**, **R9** Output current sense.

The function of any other components is up to the designer's needs and imagination.

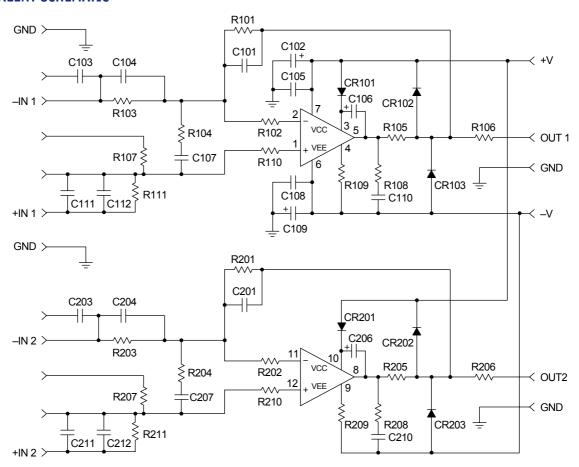
PA60EU CONSIDERATIONS:

When using the EK26 for the PA60EU the following components on the schematic below must be left either shorted or open:

Short: R109, R209

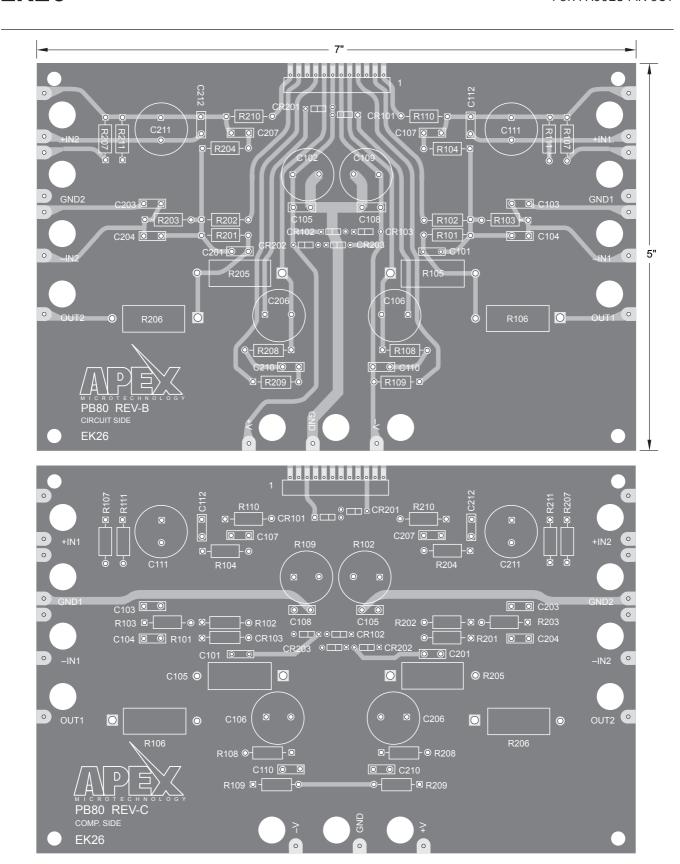
Open: CR101, C106, CR201, C206

EQUIVALENT SCHEMATIC



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NOTE: Illustration only, not to scale.