

Power Amplifier Support Components

EVALUATION KIT

EK61 is an easy to use engineering platform for prototype evaluation. The PC board is a good starting point for an application specific layout. The amplifier is sold separately. Common hardware such as screws, nuts and user's preference for I/O connectors are not provided.

The EK61 includes both the universal EVAL36 board and the EVAL61 substrate. The use of EVAL36 and EVAL61 allows for a large area of breadboarding space to work with while allowing a surface mount substrate for the PA78DK. The PA78DK amplifier may be surface mounted directly to the EVAL61, a thermally conductive but electrically isolated substrate. The PA78DK is soldered to a DUT foil footprint area the size of the heatslug as shown in Figure 1. The metal substrate is cost effective and can allow the PA78DK to dissipate power up to the datasheet rating.

