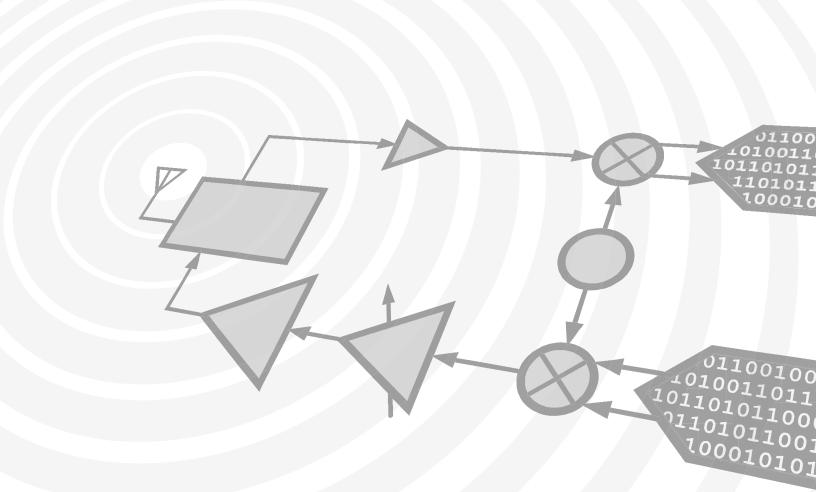
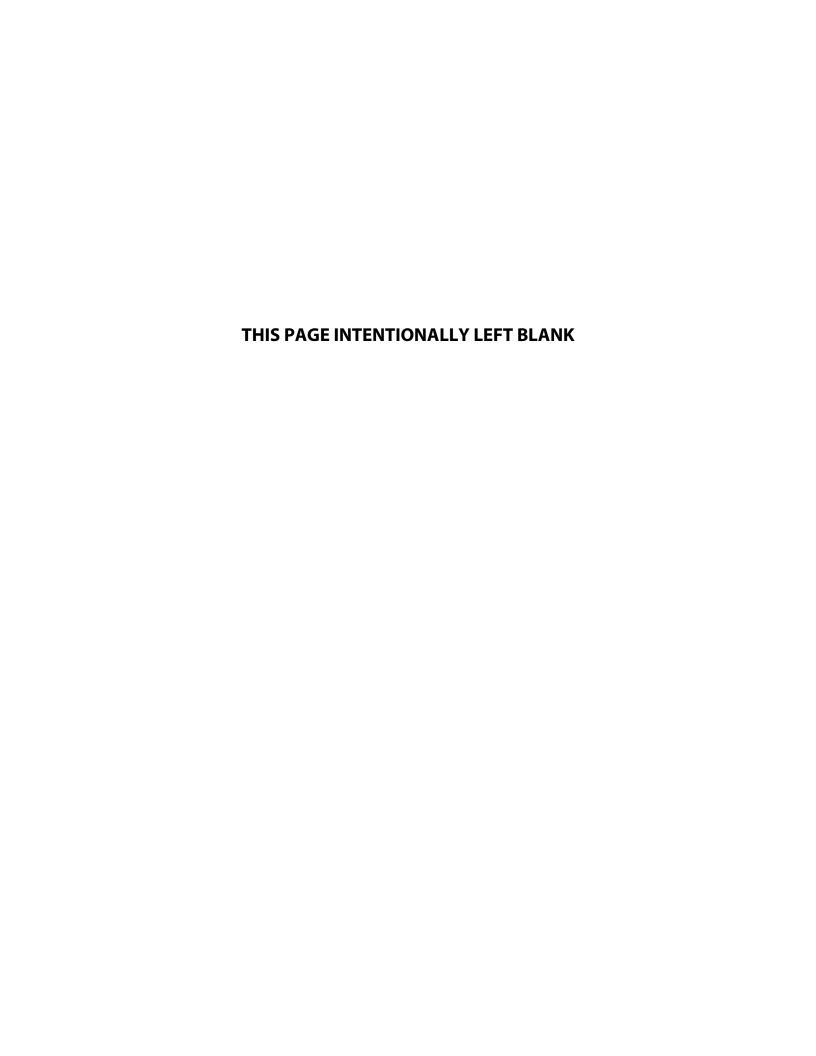




Analog Devices Welcomes Hittite Microwave Corporation

NO CONTENT ON THE ATTACHED DOCUMENT HAS CHANGED







KHPA-0206 300WR

2-6 GHZ 300W AMPLIFIER Rack Mounted

Typical Applications

- · Commercial Radar
- · Military Radar
- · Electronic Warfare
- Test Equipment

Solid State Rack Mounted High Power Amplifier



The information provided in this document is for a product controlled by the International Traffic in Arms Regulations (ITAR). This product cannot be shipped outside of the United States without a U.S. Department of State export license.

Features

Highest Power
Smallest Footprint

Lightest Weight

General Description

The KHPA-0206 300WR is a high power rack mounted microwave amplifier that covers a 4 GHz range in the 2-6 GHz band. The amplifier provides an output of 300 watts TYP. A number of options are available depending on customer requirements. TTL Local/Remote switching is provided as an option. 100W and 200W versions available.

Table 1. Specifications

| Input Power | |
|---|-------------------------|
| input Power | |
| AC Power | 110/240VAC |
| Frequency | 50/60 Hz |
| Output Specifications [@ 25° C] | |
| Frequency Range | 2-6 GHz |
| Saturated Power Output | 300W TYP |
| Gain | 60 dB Min |
| Noise Figure | 5 dB TYP |
| In/Out VSWR | <2:1 TYP |
| In/Out Impedance | 50 Ω |
| Local/ Remote | ΠL |
| Connectors | |
| RF In / Out | "N" Female |
| Mechanical | |
| 5U Aluminum Chassis (19" 19" wide, 10.5" High, 17.7" Chassis Grounded | • |
| Environmental | |
| Operating Temperature | -40° to 50° C |
| Storage Temperature | -40° to 50° C |
| Relative Humidity | 5 to 95% non-condensing |
| MTBF | |
| 200,000 hours | |