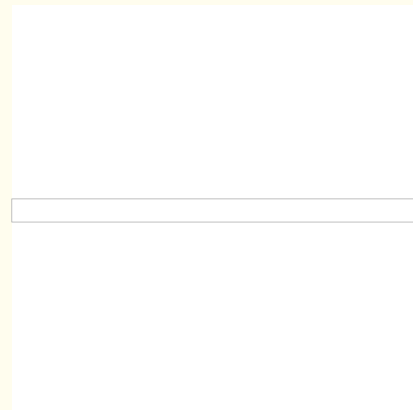


2.5-3.5 GHz 24dBm Broadband LNA 24dB Small Signal Gain Wideband Coverage Dynamic Range

Our Product Introduction

Basic Information

- Place of Origin: CHINA
- Brand Name: ZR Hi-Tech
- Model Number: LT-PA-025035-G24P24
- Minimum Order Quantity: 1
- Packaging Details: carton packing
- Delivery Time: 4 weeks
- Payment Terms: T/T



Product Specification

- Product Name: LT-PA Series Power Amplifier
- Application: Wireless Communication
- Signal Gain: 24dB
- Temperature: -40~85°C
- Frequency Range: 2.5 To 3.5 GHz
- Warranty: 12-Month
- Highlight: **Dynamic Range Broadband LNA,
Wideband Coverage Broadband LNA,
2.5-3.5 GHz Broadband LNA**

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Product Description

2.5-3.5 GHz 24dBm Broadband LNA 24dB Small Signal Gain Wideband Coverage Dynamic Range

Product Overview

The **ZR LT-PA-025035-G24P24** is a precision RF power amplifier optimized for critical applications in the 2.5-3.5GHz frequency range. This high-performance unit delivers **24dB gain** with exceptional **±1.0dB flatness**, producing **24dBm output power** from just **10dBm input** while maintaining excellent linearity.

Key Features

- Narrowband High-Efficiency Operation (2.5-3.5GHz)
- 24dB Signal Gain with ±1.0dB Flatness
- 24dBm High Output Power Capability
- Military-Grade Aluminum Housing
- Extended Temperature Range (-40°C to +85°C)
- Custom Frequency Tuning Available
- Fully Compliant with CE/RoHS/REACH Standards
- 12-Month Manufacturer Warranty

Technical Specifications

Attribute	Value	Conditions
Part Number	LT-PA-025035-G24P24	
Configuration	Module with Connector	
Frequency Range	2.5 to 3.5 GHz	
Small Signal Gain	24 dB	
Gain Flatness	±1.0 dB	
Output Power	24 dBm	
Input Power	10 dBm	
VSWR	2.0:1	
Power Supply	+12V / 260mA	
Operating Temperature	-40 to +85 °C	
Dimension	34.4*16.8*8.1 mm	

Product Attributes

Attribute	Value
Product name	LT-PA series Power Amplifier
Application	Wireless Communication
Signal Gain	24dB
Temperature	-40~85°C
Frequency range	2.5 to 3.5 GHz

Warranty	12-Month
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Note: For custom specifications, please contact us directly.



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