

OBSOLETE - PART DISCONTINUED

Description

The ZXHF5002 provides an integrated IF solution for multiple outputs LNB and switch box applications. The ZXHF5002 includes a 4 x 2 switch with 19dB of positive gain, which can be connected directly to the output of the LNB or switch box eliminating the requirement for cable drive amplifiers.

The ZXHF5002 includes all the control required for voltage- and tone-based systems providing a reliable and highly integrated solution.



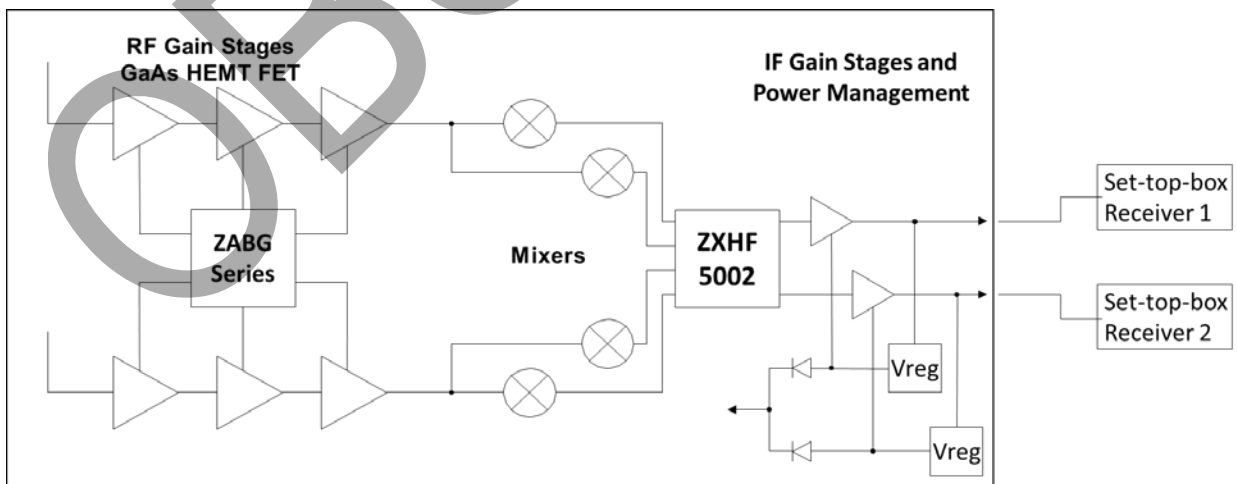
Features

- High Linearity 4:2 Switch
- Integrated Cable Drive Amplifiers
- Integrated Switch Control - Tone and Voltage
- WideBandwidth200MHzto2700MHz
- Gain 19dB, Rising Across Band
- High Isolation Typ. >30dB, 200MHz to 2150MHz
- OIP3 >15dBm, 200MHz to 2150MHz
- Reliable Tone Detector With Unwanted Signal Rejection Filter
- Accurate Voltage Detector 14.0V to 15.5V
- Intelligent Low Power Mode
- 3.3V Operation
- Unconditionally Stable
- Pin-Out programmable for Double-Sided Assembly

Applications

- Twin Universal LNBs
- Quad Universal LNBs
- Multiple Output LNBs

Typical Application



Typical Low Power Twin Universal LNB System

Ordering Information

Device	Package	Reel Size (inches)	Tape Width (mm)	Quantity per Reel	Status
ZXHF5002JB24TC	V-QFN4040-24	13	12	3000	END OF LIFE (EOL)

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