ZXHF5000

4:2 IF switch with integrated gain and control

Summary

The ZXHF5000 provides an integrated IF solution for multiple output LNB and switch box applications. The ZXHF5000 includes a 4 by 2 switch with 19dB of positive gain which can be connected directly to the output of the LNB or switch box eliminating the need for cable drive amplifiers.

The ZXHF5000 includes all the control required for voltage and tone based systems providing a reliable and highly integrated solution.

For more imformation on the ZXHF5000 please contact your local Zetex sales office.

Features

- · High linearity 4:2 switch
- · Integrated cable drive amplifiers
- · Integrated switch control Tone and voltage
- Wide bandwidth 200 to 2700MHz
- · Gain 19dB, rising across band
- High isolation Typ. >30dB, 200 to 2150MHz
- OIP3 >15dBm, 200 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 LNB's
- · Quad universal LNB's
- Multiple output LNB's
- Multi switches

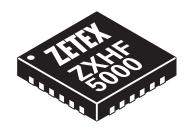
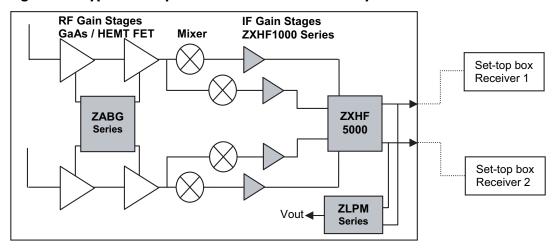


Figure 1 Typical low power twin universal LNB system



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Notes:

Europe Americas **Asia Pacific Corporate Headquarters** Zetex GmbH Zetex Inc Zetex (Asia Ltd) Zetex Semiconductors plc Kustermann-park 700 Veterans Memorial Highway 3701-04 Metroplaza Tower 1 Zetex Technology Park, Chadderton Balanstraße 59 Hauppauge, NY 11788 Hing Fong Road, Kwai Fong Oldham, OL9 9LL United Kingdom D-81541 München Hong Kong Germany Telefon: (49) 89 45 49 49 0 Telephone: (1) 631 360 2222 Telephone: (852) 26100 611 Telephone: (44) 161 622 4444 Fax: (49) 89 45 49 49 49 Fax: (1) 631 360 8222 Fax: (852) 24250 494 Fax: (44) 161 622 4446 europe.sales@zetex.com usa.sales@zetex.com asia.sales@zetex.com hq@zetex.com

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