

**Summary**

The ZLNB2015 is a dual channel polarisation (voltage) and band select (tone) detector IC, primarily for satellite applications such as Low Noise Blocks (LNBS) and satellite distribution systems. An optimised design provides a low supply current and a wide operating voltage whilst increasing performance and reliability. The ZLNB2015 offers excellent interference rejection with minimal application cost and packaged in the 3x3mm QFN it provides a very small solution.

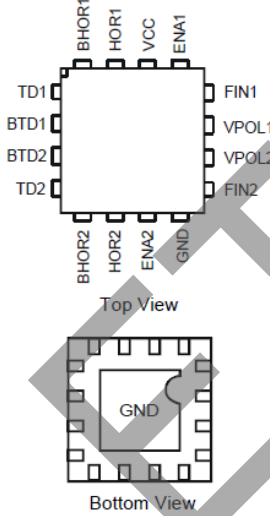
**Features**

- Two high accuracy polarisation voltage detection meeting the most stringent market needs
- Two robust, interference tolerant 22kHz tone detection (without external signal filtering)
- "No Receiver" detect function for power saving and isolation control
- Low quiescent supply current, 2mA typical
- Wide operating supply voltage 3V to 8V
- Low external component count minimises application cost
- True and inverted outputs to support popular multiplexer ICs

**Application**

- Twin Universal LNBS
- Quad Universal LNBS
- Multi Output LNBS
- Satellite Multi-Switches

**Pin Assignments**



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