



- **Highly featured PSTN interface**
- **Includes Transformer isolation**
- **On board Loop switch and Diode bridge**
- **Ringing detection**
- **Parallel phone detect**
- **Programmable to meet different country standards**
- **3.3V or 5V versions**
- **Simple integration**

Silvertel's Ag2130 is a self-contained highly integrated single PSTN Interface Circuit which complies with ROHS requirements. This interface is sometimes referred to as a TRUNK, COIC, FXO or DAA interface. It offers simplified features to the Ag2120 while still meeting the international safety and regulatory requirements. The module is available as a Single In Line (SIL) package whose size is 61mm(L) x 12mm(H) x 11mm(W).

The Ag2130 allows flexible programming of many functions, including the dc voltage mask and impedances required for different countries. As usual with Silvertel modules it requires a minimum of external components

and has been designed for ease of use, to allow a reduced time to market.

The Ag2130 is designed for all applications, including those where there is a high level of common mode interference, such as PABX, long loop applications (greater than 1km) and systems without a ground connection.

The Ag2130 complements the range of Silvertel SLICs and is pin compatible where possible making them an ideal solution where SLIC and TRUNK interfaces are option defined allowing a single PCB to be designed for all possible telecom options.

These modules are ideal for PABX, VoIP gateways, Point of Sale Terminals, Set top boxes and alarm systems.

