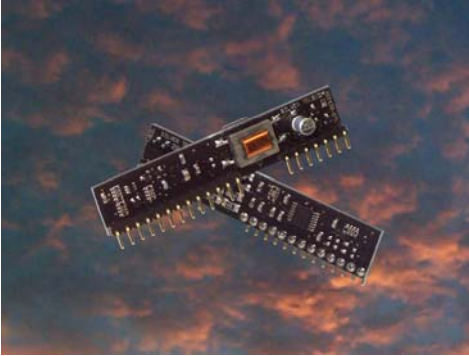


Ag2130

Low Cost PSTN Interface



- **Highly featured PSTN interface**
- **Includes Transformer isolation**
- **On board Loop switch and Diode bridge**
- **Ringing and loop current detection**
- **Parallel phone detect**
- **Programmable to meet different country standards**
- **Tip/Ring polarity detect for CLI and on hook reception**
- **3V or 5V versions**
- **Simple integration**

The Ag2130 is a self-contained highly integrated PSTN Interface Circuit in a single SIL module, 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 Ag2130 while still meeting the international safety and regulatory requirements. The unit 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 and systems without a ground connection.

The Ag2130 complements our SLICS and is pin compatible where possible making them an ideal solution where SLIC and TRUNK interfaces are option defined allowing single PCB for all options.

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

