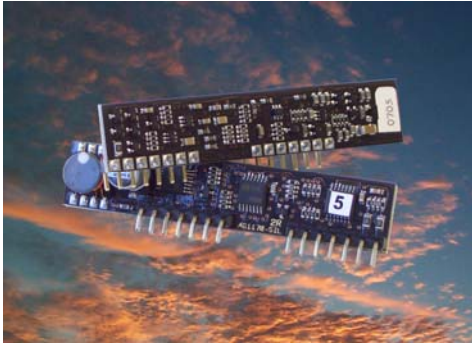


Ag1170

V1.0
June 09

+3.3V or +5.0V Low Power Ringing SLIC



- **Single supply voltage**
- **Simple integration**
- **Small size**
- **On-board ringing generator**
- **Integral high efficiency DC/DC converter, providing:**
 - **Ringing voltage**
 - **Loop current**
- **Tip/Ring polarity reversal**
- **Simplified protection**

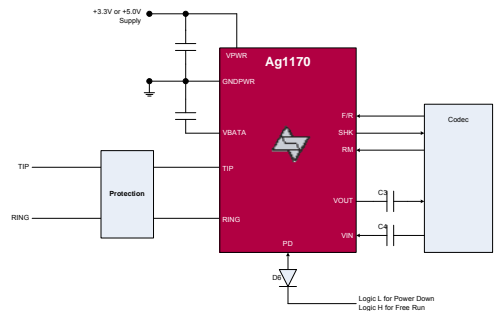
The Silvertel Ag1170 is a single Subscriber Line Interface Circuit (SLIC) in a very compact 14 pin single in line (SIL) or 21 pin dual in line (DIL) format. The combination of features and packaging offers extremely efficient use of board area, saving significant system size and cost along with minimising time to market for Telephony Systems developers.

The Ag1170 has been designed to work with loop lengths of typically 3.0km (800Ω including telephone). It performs to regulatory standards (G712) which allows use in public and private network applications. The module has integral dc/dc converter and

ringing generation thus providing all the line powering requirements from a single supply. The SLIC requires a minimum of external components with simple line protection. This SLIC is compatible with CLI and will even provide the Tip/Ring polarity reversal required for on hook CLI.

The system interface has been designed for direct connection to popular codecs, for both audio and signalling. This make the module easy to use although it is backed up by Silvertel's excellent support.

The Ag1170 is ideal for low line count, short loop length applications, such as ISDN Terminal Adaptors, Internet Telephony (VoIP), Computer Telephony Integration (CTI), Wireless Local Loops (WLL) and Small Office Home Office (SOHO).



Power and Analogue Solutions

<http://www.silvertel.com/>

