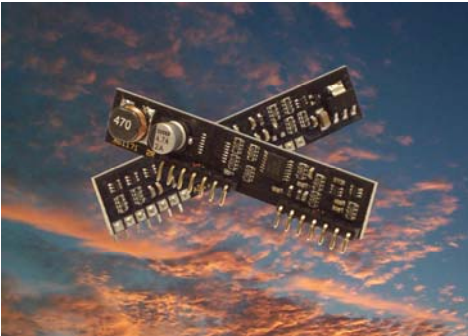


# Ag1171

V1.1  
September 09

+3.3V / +5.0V Low Power Ringing SLIC



- **Low Cost**
- **Simple integration**
- **Small size**
- **On-board ringing generator**
- **Integral high efficiency DC/DC converter, providing:**
  - **Ringing voltage**
  - **Loop current**
- **+5V to +3.3V supply voltage**
- **Tip/Ring polarity reversal**
- **Simplified protection**

The Silver Telecom Ag1171 is a single Subscriber Line Interface Circuit (SLIC) in a simple to use Single In Line (SIL) module. The package size is only 12mm(H) x 61mm(L) x 12mm(W).

Ag1171 compliments the Silver Telecom Ag1170 SLIC, so providing SLICs for all telecom applications. Ag1171 gives extremely efficient use of board area, saving significant system size and cost, whilst minimising time to market for Telephony Systems developers.

Ag1171 has been designed to work with loop lengths of up to 1km (400Ω including telephone). This loop length capability makes the module ideal for short line or internal applications while keeping the cost low.

Ag1171 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 low cost external components. 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.

Ag1171 is ideal for applications, such as WLL terminals, FCT, VoIP and PBX..

