

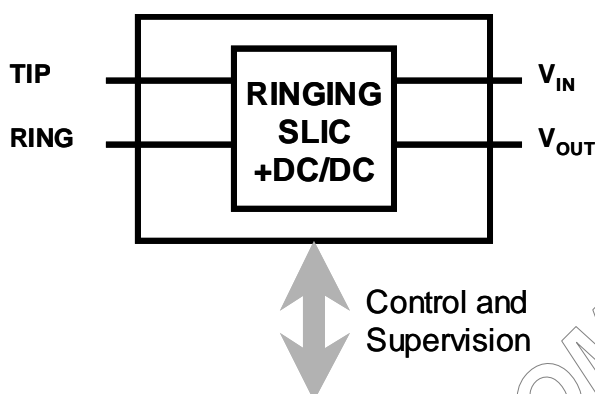


# Ag1160

## 5V RINGING SLIC

### FEATURES

- A highly featured SLIC in a 21 pin DIL format.
- Integral DC-DC converter. Single +5V supply voltage.
- Highly integrated with on board ringing generator.
- Tip/Ring polarity reversal, On-Hook Transmission for caller line ID.
- "Soft Shutdown" over current and thermal protection provides fail safe operation.
- Easy to use, with a minimum number of external components.
- Simplified protection in "on-premise" applications.
- Silver Telecom "design-in" assistance.



### DESCRIPTION

The Silver Telecom Ag1160 comprises a single Subscriber Line Interface Circuit (SLIC) in a 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, minimising time to market for Telephony Systems developers.

The Ag1160 has been designed to work with loop lengths of up to 3.0km (800R including telephone). Its performance to regulatory standards allows use in public and private network applications.

The Ag1160 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.

The system interface has been designed for connection to all popular codecs of both the audio and signalling connections.

The Ag1160 is ideal for low line count, short loop length applications, such as ISDN Terminal Adaptors, Internet Telephony (VoIP), Computer Telephony Integration (CTI), Digital Loop Carriers (DLC), Wireless Local Loops (WLL) and Small Office Home Office (SOHO).





















