

Silvertel has developed a range of easy to use analogue telecom interface modules, small in size, requiring very few extra components.

SLIC modules

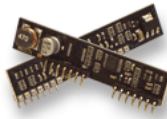
Subscriber Line Interface Circuit (SLIC) modules are used for analogue telephone line interface applications, enabling signals to be transmitted and received from a telephone line, feed power to the line and monitor line condition.

PSTN modules

PSTN interfaces (or Trunk Interfaces, Foreign exchange Office (FXO) circuits, Data Access Arrangements (DAA) or Central Office Interface Circuits (COIC)) meet the requirements of CTR21, FCC Pt.68, UL60950, AS NZ3260 and AS ACIF S043. They provide a programmable d.c. mask, line and network impedances giving the flexibility for use in any market. On-Hook reception allows support for Caller Line ID and transformer isolation provides high common-mode rejection for use in ungrounded systems as well.

SLICS

Ag1171 is a low cost single channel SLIC with a fully integrated DC-DC converter to generate all necessary battery and ringing voltages. It requires a single DC supply from +3.3V to +5V. Ag1171 is suitable for low line count, short loop (up to 1km) applications, e.g. Wireless Local Loop (WLL), Fixed Cellular Terminals (FCT), Fixed Wireless Terminals (FWT) and Internet Telephony (VoIP).



Ag1170 was world's first +3.3V ringing SLIC. Also available as a +5V version, Ag1170 has a built in DC-DC converter to generate all of the battery and ringing voltages on board - all from a single +3.3V (or +5V) supply. Ag1170 is available in SIL or DIL package formats. It is ideal for VoIP and short loop applications such as emergency elevator telephones.

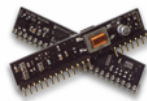


Ag1110 is a low cost, long loop small footprint SLIC, requiring minimal external components. Suitable for high line count applications such as Central Office, Digital Loop Carrier and Pair Gain Systems.



PSTN/Trunk Interfaces (FXO, DAAs or COICs)

Ag2130 is a low cost PSTN Interface in a SIL package, boasting many features including a basic barrier on-chip. Can be used in systems with no ground, or in applications where common mode interference is high from either a +3.3V or +5V supply.



Ag2120 is a highly integrated COIC in a DIL or SIL package, boasting many features including a basic barrier on-chip. Can be used in systems with no ground, or in applications where common mode interference is very high. Can also be operated at +3.3V or +5V supply.

