



- **Minimum of external components**
- **Simple integration**
- **Constant current feed to the line, with constant voltage fold over**
- **Single +5V system side power supply**
- **600R and 900R impedance options**
- **Works with a battery of up to -72V**
- **Low idle power operation (20mW)**
- **Short circuit protection**
- **Loop open function - loop off under logic control**
- **On hook transmission**

The Silver Telecom Ag1110 is a hybrid circuit module that comprises a single Subscriber Line Interface Circuit (SLIC). The module is in a single-in-line (SIL) 13 pin format. The combination of features and packaging offers extremely efficient use of board area, saving significant system size and cost.

The Ag1110 is designed to function in the electrically demanding environment, and to meet the needs of different applications and regulatory standards that SLIC circuits must conform to. The Ag1110 is a flexible solution

together with facilities to ensure robust performance. This SLIC provides a complete and flexible interface to the telephone line.

The hybrid circuit is highly featured requiring a minimum of external components to provide the SLIC interface. Functions such as a relay driver, are provided on board along with precision loop feed resistors.

The Ag1110 has been designed to work in private systems where cost is a major concern and advanced public network signalling is not a requirement.

The system interface has been designed for direct connection to popular codecs for both audio and signalling.

The Ag1110 is ideal for any application where high-density line interfacing is required, such as Computer Telephony Integration (CTI), Small Office Home Office (SOHO) and PABX.

