

Description

The μ PC7071L and μ PC7072L are subscriber line interface circuits (SLICs) LSIs for both PABX and central office. They provide battery feed to the subscriber line (B) and supervision (S) of the subscriber line (BS-SLIC).

This chip used along with the μ PD9901 reduces the number of parts required in subscriber line card.

Features

- Single-chip monolithic LSI
- Battery feed to the subscriber line
 - Constant-resistance
 - Constant-current
- Tip-Ring polarity reverse
- 200 Ω x 2 feeding, 400 Ω x 2 feeding, or tip-ring open state (high and dry)
- On-hook transmission and receiving
- Loop detection (with μ PD9901L)

- Ground-key detection and ground-fault protection (with μ PD9901L)
- Three internal relay drivers
- Power sources: -48 V and + 5 V (μ PC7071L)
-24 V and + 5 V (μ PC7072L)
- Power consumption: 220 mW typical (μ PC7071L)

Ordering Information

Part Number	Package
μ PC7071L	32-pin PLCC
μ PC7072L	

Block Diagram

