

AS2501

Telephone Line Adapter

Applications

Analogue Corded Telephones, CT Base Stations, Modems, Fax Terminals.

Standards

NET 4, 1TR2

Key Features

- Contains power extraction, ac impedance, dc mask, voltage supervision, and voltage regulator, - i.e. the interface to an analogue telephone line
- Low power to modulate line due to synthesized ac impedance
- Power extraction for supplying peripheral circuit
- DC mask performed by the chip and adjustable with external components
- Versatile applications for different PTT requirements
- μ C supervision functions with power failure indication and delayed reset

Key Specifications

- Typical Operating Current Consumption: 0.7 mA
- Maximum Standby Current: 8 μ A
- Regulated Voltage Supply: 3.55V

Miscellaneous Information

The AS2501 is especially suitable for applications in which monitoring of the line is required also in "on-hook" condition. The device provides a regulated voltage in all conditions including on-hook.

Functional Equivalents

None

Documentation

Data Sheet AS2501

Ordering Information

AS2501 P	20 pin DIP
AS2501 T	16 pin SOIC