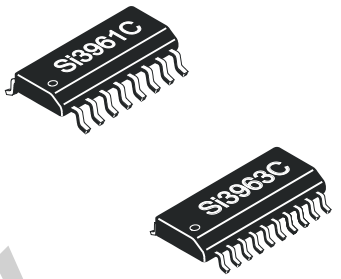
Si3960G/GU

FCC/JATE Analog Interface Direct Access Arrangement

Features

Complete DAA includes the following:

- Proprietary Isolation Technology that Eliminates the Need for Transformers and Opto-Couplers
- Supports all Required DAA Functions Including the Following:
  - PTT and Safety Isolation Barrier
  - Off-Hook Switch
  - Caller ID Reception
  - Ring Detection and Indication
  - 2- to 4-Wire Converter and Hybrid
  - Differential Input and Output
  - Phone Line DC and AC Termination
- Analog Interface Connects Easily to Most Commercially Available Modem/Codec Chipsets
- High Performance for Wireline Analog Modems up to and Including 56 Kbps
- FCC Part 68, DOC CS-03, and UL Safety Protection Components
- 3.3 V to 5 V DC Operation
- Low Power Consumption
- Package: SSOP



Ordering Information

See page 53.

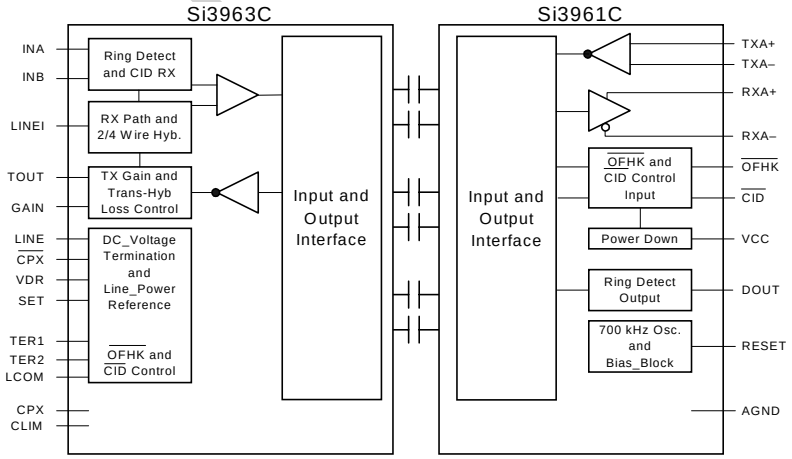
Applications

- V.90 Modems
- Answering Machines
- Fax Machines
- Modem PC Cards/Laptop Computer Daughter Cards/Mini PCI Cards
- Set Top Boxes
- PDAs
- Enhanced Feature Phones
- USB Computer Phones
- Web/Email Phones

Description

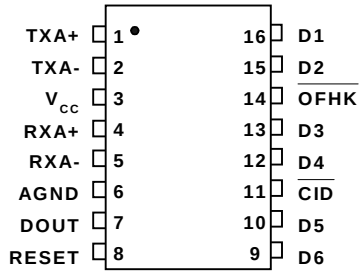
The Si3960G direct access arrangement (DAA) chipset consists of the Si3961C, Si3963C, and Si3934L. The Si3960GU DAA chipset consists of the Si3961C, Si3963C, and Si3935U (an approved UL component). These silicon chipsets, in conjunction with their recommended external components, provide all the necessary line monitoring, filtering, isolation, and protection functions required for the connection of high-speed analog modem devices up to and including V.90/ 56 Kbps to the Public Switched Telephone Network.

Functional Block Diagram

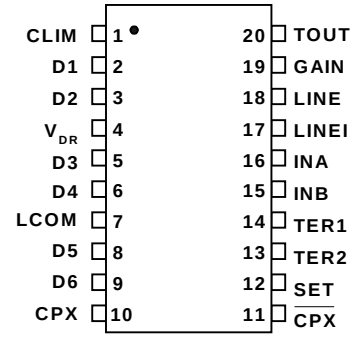


Pin Assignments

Si3961C



Si3963C



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