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ZipWirePlus™ M28927 G.shdsl AFE/LD G.shdsl High Efficiency Integrated Analog Front End/Line Driver (AFE/LD)

M28927

Low power, Compact 7mm2 Package Highly Integrated Efficient Analog Front End and Line Driver
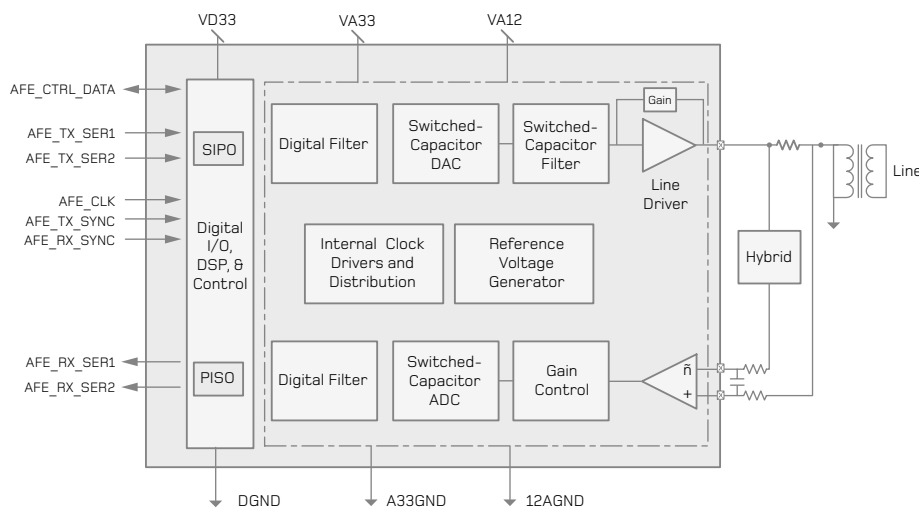
Highly Integrated

The M28927, used with the M28945, M28946, and M28985 multimode G.shdsl transceivers, offers a high density, low power, and highly flexible platform to solve the most demanding symmetrical DSL applications.

Multimode Operation

Integrating a high performance, low power, Analog Front End and Line Driver into a single 7mm_ TQFP leaded package, the M28927 supports all G.shdsl operations including the high-power OPTIS/EPAP modes without transformer or other circuit changes. In addition, the M28927 supports full operation in HDSL2, SDSL, and 2B1Q modes of operation including AutoBaud™ and Mindspeed's exciting loop qualification software, LoopWizard™.

KEY FEATURES

- Highly Integrated
- Ultra Low Power
- Small size
- Multi–mode operation
- Interoperable with all ZipWire transceivers including AutoBaud

M28927 Diagram

Product Features

- Supports all modes in a single configuration
  - G.shdsl
  - SDSL
  - HDSL2
  - HDSL4
- Supports LoopWizard Advanced Line Diagnostics (when used with ZipWireMulti)
- Low power (720mw)
- Compact design (7mm_ TQFP leaded package)

Applications

- DSL–enabled customer premises equipment (CPE)
- Integrated access devices (IADs)
- Digital subscriber line access multiplexers (DSLAMs)
- N–Channel DAML and voice pairgain systems
- Nx64K data transport
- Remote LAN access
- T1 and E1 HDSL–enabled transport systems
- Cellular base station data links
- Campus modems
- Data, voice and video transport systems

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