

PRODUCT PREVIEW

Zarlink's VE870 Series is a cost effective solution that operates from $\pm 5V$ to $\pm 12V$ or single 10V to 24V supply. These dual channel differential amplifiers are designed to drive full rate of VDSL2, as well as ADSL and ADSL2+ signals with very low power dissipation. The VE870 Series line drivers contain two pairs of wide band amplifiers designed with Zarlink's HV30 Bipolar SOI process for low power consumption.



Cost Effective Line Driver Solutions for ADSL2+ and VDSL2

→ Features

- Two-channel differential line driver
- Low power
- Minimum external component count
- Small footprint
- Pb-free RoHs compliant

→ Benefits

- Saves board density
- Low power dissipation
- Lowers cost and board density
- Robust solution with lower cost
- Lowest BOM cost in the industry
- Fully VDSL2 and ADSL2+ capable solutions

→ Applications

- Asymmetrical Digital Subscriber Loop (ADSL2, ADSL2+ and VDSL2) Line Drivers
- HDSL Line Drivers,
- DSLAM, CO, DLC, BLC, MDU/MTU Line Drivers

VE870 Series		
Device	Drivers	Description
ADSL2+ Line Drivers		
	Le87250	$\pm 5V$ to $\pm 12V$ or single 10V to 24V supply
	Le87250A	$\pm 5V$ to $\pm 12V$ or single 10V to 24V supply, internal fixed gain, positive feedback
	Le87251	$\pm 5V$ to $\pm 12V$ or single 10V to 24V supply, internal fixed gain
VDSL2Line Driver		
	Le87260	$\pm 5V$ to $\pm 12V$ or single 10V to 24V supply