

## 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
VDSL2 Line Driver		
	Le87260	$\pm 5V$ to $\pm 12V$ or single 10V to 24V supply

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