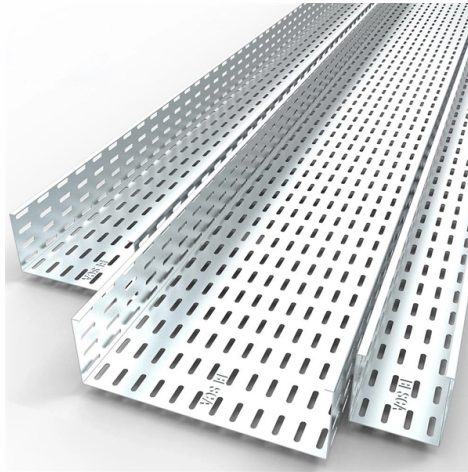


# **New Zealand OEM Transimpedance Amplifier NRZ**



## **Overview**

In addition to fiber optic applications, this low cost, silicon alternative to GaAs-based transimpedance amplifiers is ideal for systems requiring a wide dynamic range preamplifier or single-ended to differential conversion. Transimpedance amplifiers are available at Mouser Electronics from industry leading manufacturers. Our portfolio includes linear TIAs for coherent and PAM-4 receivers and limiting TIAs for NRZ based receivers. The single ended input stage is required for applications where the current source is inherently grounded externally. Mini Digital Amplifier Board Dual-Channel Power Kit. This section has information for New Zealand buyers and owners of electrical, electronic and radio products, compliance information for suppliers of these products, and audit information for licence holders.



## Article Content

Transimpedance Amplifiers – Mouser

Mouser offers inventory, pricing, & datasheets for Transimpedance Amplifiers.

Transimpedance Amplifiers (TIA)

Designed for AI infrastructure, hyperscale data centers, and high-speed optical modules, our TIAs combine low noise performance, intelligent gain control, and advanced equalization to enable ...

Transimpedance Amplifiers (TIAs) | Semtech

They include fully integrated on-chip de-coupling for low cost and best performance and can be utilized in NRZ, Burst Mode and PAM4 signaling systems. Key applications and markets include Data ...

For business and individuals | Radio Spectrum Management New ...

This section has information for New Zealand buyers and owners of electrical, electronic and radio products, compliance information for suppliers of these products, and audit information for licence ...

AD8015 Datasheet and Product Info | Analog Devices

In addition to fiber optic applications, this low cost, silicon alternative to GaAs-based transimpedance amplifiers is ideal for systems requiring a wide dynamic range preamplifier or single-ended to ...

The Design of a Transimpedance Amplifier [The Analog Mind]

In this article, we design a TIA in 28-nm CMOS technology while targeting the following specifications: power consumption 1.5mW. The choice of the noise and gain values becomes clear after we delve ...

Transimpedance Amplifiers | Delivering World Class Linear ...

Marvell's transimpedance amplifier (TIA) portfolio powers PAM4 and Coherent-based pluggable optical modules for high-speed cloud AI connectivity and long-haul optical links from 100G to 1.6T, and beyond.

Amplifier & Audio Modules

Browse and buy online from our range of Amplifier & Audio Modules, with nationwide shipping or click and collect.

Transimpedance Amplifiers

Our portfolio includes linear TIAs for coherent and PAM-4 receivers and limiting TIAs for NRZ based receivers. These parts feature market leading gain, noise performance and power dissipation.

### Wide Dynamic Range Transimpedance Amplifier

This TZA400 series of amplifiers employs precision single ended transimpedance input stages to provide for low offset and high linearity throughout the full dynamic range.

## Contact Us

For more information, pricing, or custom solutions, please contact us:

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