

Warranty for Transimpedance Amplifier DML



Article Overview

Transimpedance amplifiers are generally provided with standard manufacturer warranties, but most resources explicitly disclaim all implied warranties, including fitness for a particular purpose, and place responsibility for application design on the user.

Manufacturer Warranty Overview

For TIAs, such as those from Texas Instruments, the official resources, datasheets, and design guides are provided “as is” and do not extend any express or implied warranties, including merchantability or fitness for a particular purpose, or non-infringement of third-party rights (TI) . This means that while the physical TIA components themselves may carry a standard product warranty under TI's Terms of Sale, the technical resources, reference designs, and application advice are not covered by warranty.

Key Points for Users

- **Responsibility for Application:** Users are fully responsible for selecting the appropriate TIA for their DML application, designing, validating, and testing the circuit, and ensuring compliance with safety and performance standards .
- **Warranty Limitations:** Any warranty provided by the manufacturer typically covers defects in materials or workmanship but does not cover misuse, improper design, or integration issues with DMLs or other optical components....

Article Content

Feb 23, 2026

Transimpedance amplifier

Transimpedance amplifier Fig. 1. Simple transimpedance amplifier which converts an input current source i_{in} into a voltage output

Nov 05, 2025

Transimpedance amplifier circuit. (Rev

Design Description The transimpedance op amp circuit configuration converts an input current source into an output voltage. The

Jul 01, 2026

AN-1803 Design Considerations for a Transimpedance Amplifier

ABSTRACT It is challenging to design a good current-to-voltage (transimpedance) converter using a voltage-feedback amplifier

Sep 06, 2025

Transimpedance Amplifiers (TIAs) | Semtech

Transimpedance Amplifiers (TIAs) Semtech offers a broad portfolio of fully integrated BiCMOS and pure CMOS transimpedance

Nov 10, 2025

Check Product Warranty Status & Coverage | Warranty Valet

Easily check your product's warranty status with Warranty Valet. Enter your serial number to view coverage details and submit a

Nov 29, 2025

Luxembourg Three-Year Warranty Transimpedance Amplifier DML

HOME / Luxembourg Three-Year Warranty Transimpedance Amplifier DML - ABC Stimulo Photonics Luxembourg Three-Year

Feb 10, 2026

Transimpedance Amplifiers - Mouser

Transimpedance amplifiers are specialized devices that convert input current into an output voltage. They are commonly used in

Sep 21, 2025

What you need to know about transimpedance amplifiers part 1

What You Need to Know about Transimpedance Amplifiers – Part 1 Samir Cherian
Transimpedance amplifiers (TIAs) act as front

May 24, 2026

Advancement of CMOS Transimpedance Amplifier for Optical Receiver

Transimpedance amplifier (TIA) is an essential component of optical receivers, and this type of amplifier converts the

Nov 02, 2025

Transimpedance Amplifier Design | DigiKey

Transimpedance amplifier signal gain The transimpedance amplifier circuit consists of a photodiode, an amplifier and

Jun 22, 2026

SSZTAY1 Technical article | TI

Additional Resources Get online support in the TI E2E™ Community Amplifier forums. Read the first installment of this series, “ What

Oct 17, 2025

Transimpedance Amplifiers (TIA): Choosing the Best Amplifier for the ...

So, for the 1st stage, choose the best operational amplifier (by using the analysis method developed here) while operating at the

Feb 04, 2026

Warranty

This warranty extends only to the original end user customer and is not assignable or transferable. Within the Warranty

Sep 20, 2025

New Product Update: Transimpedance Amplifiers

TI's provision of these resources does not expand or otherwise alter TI's applicable warranties or warranty disclaimers for TI

Apr 03, 2026

Transimpedance Amplifier Design: Compensation & Noise Analysis

The Transimpedance Amplifier (TIA) is utilized to convert this low-level current to a usable voltage signal and the TIA often needs to

Dec 30, 2025

A Complete Guide to Transimpedance Amplifier in 2025 | ODG

That's where a transimpedance amplifier comes in! It's a current-to-voltage converter and helps with signal

Feb 11, 2026

What you need to know about transimpedance amplifiers part 1

Transimpedance amplifiers (TIAs) act as front-end amplifiers for optical sensors such as photodiodes, converting the sensor's output

Aug 07, 2025

Transimpedance Amplifiers - Mouser

Transimpedance Amplifiers are available at Mouser Electronics. Mouser offers inventory, pricing, & datasheets for Transimpedance

Apr 16, 2026

MSP430F2274 Transimpedance Amplifier (TIDM-TIA) User's Guide

For more information on transimpedance amplifiers and their properties, see the Transimpedance Considerations for High-Speed

Oct 20, 2025

Chapter 13: Transimpedance (Transresistance) frontends [Analog

However, the term transimpedance amplifier is often more correctly applied to more general circuits such as current-to-voltage (I/V)

Jun 02, 2026

Compensate Transimpedance Amplifiers Intuitively (Rev. A)

TI warrants performance of its hardware products to the specifications applicable at the time of sale in accordance with TI's standard

May 25, 2026

MSPM0L134x Transimpedance Amplifier (TIA) Empowers Future

The integrated low-leakage transimpedance amplifier (TIA) empowers the MSPM0L134x MCU for cost-effective sensing applications.

Oct 09, 2025

Transimpedance amplifier with T-network circuit

Design Description This transimpedance amplifier with a T-network feedback configuration converts an input current into an output

Dec 28, 2025

New Product Update: Transimpedance Amplifiers

Common transimpedance applications Time of Flight (ToF) & LIDAR Distance measurement Communications Discrete

Jan 28, 2026

What you need to know about transimpedance amplifiers part 2

In the first installment of this series, I described various factors that affect the loop gain of a transimpedance amplifier (TIA) and

Mar 25, 2026

Transimpedance Amplifiers - Mouser

Transimpedance Amplifiers are available at Mouser from leading manufacturers. Mouser is an authorized distributor for many

Jan 15, 2026

Transimpedance Amplifier | Springer Nature Link

Abstract In this chapter, theoretical fundamentals regarding the main performances of the transimpedance amplifier,

Jun 06, 2026

The Transimpedance Amplifier [A Circuit for All Seasons]

Many of today's communication systems incorporate a transimpedance amplifier (TIA). Although the TIA concept is as

May 27, 2026

Transimpedance Amplifiers (TIA) | Analog Devices

Analog Devices' optical and logarithmic transimpedance amplifiers (TIAs) offer high performance, single-chip solutions for precise

Jan 24, 2026

Thorlabs · TIA60 PMT Transimpedance Amplifier

One year warranty. Stand-alone or incorporated light sources are warrantied for the lesser of one year or (to the extent

Dec 28, 2025

Transimpedance Amplifier Stability

Learn about transimpedance amplifier stability with practical methods and useful examples. This article covers

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