

The ms81000 is a high-performance single ended 56GBaud linear TIA/variable gain amplifier suitable for 100GB/s PAM4 transceivers. The ms81000 can operate in MGC (Manual Gain Control) or AGC ...

The GN2559 Tri-Edge CDR is a quad PAM4 CDR with an integrated transimpedance amplifier (TIA) array. This PAM4 CDR includes configurable output equalization enabling robust electrical interfaces ...

MACOM's optoelectronics products include a wide range of transimpedance amplifiers (TIA) for line and client side fiber optic receivers up to 1.6 Tb/s. Our portfolio includes linear TIAs for coherent and ...

Linear amplification for PAM4 and Coherent pluggable modules Marvell's transimpedance amplifier (TIA) portfolio powers PAM4 and Coherent-based pluggable optical modules for high-speed cloud AI ...

Perseus is the industry's first 5nm PAM4 DSP to integrate both a transimpedance amplifier (TIA) and linear driver (VCSEL/SiPho PIC). The highly integrated Perseus family of products minimize the ...

The MATA-38834 is an octal channel 26/56GBaud linear PAM4 TIA with automatic gain.

This paper presents a 160 Gb/s four-level pulse-amplitude modulation (PAM-4) optical receiver based on a 130 nm SiGe BiCMOS ( $f_T/f_{MAX} = 350/450$  GHz) fully differential transimpedance amplifier (TIA) ...

This letter presents a 100-Gb/s CMOS PAM-4 transimpedance amplifier (TIA) with multimilliampere maximum linear input current. A low-noise high-linearity TIA arc

The MATA-39434A is a quad 53GBaud linear PAM4 TIA with automatic gain control. The MATA-39434A consumes very low power. It is spaced 250um anode to anode, to be compatible with standard ...

The GN1812 is the latest generation of 56GBd, quad, linear, transimpedance amplifier (TIA) designed for 400Gbps Ethernet operation using PAM4 modulation and optimized for PIN photodiodes.

Web: <https://csc-energia.com.pl>