

Super High Sensitivity 2.5 Gbps CMOS TIA

1. Introduction

1.1 Description & Features

The i7622 is a high sensitivity transimpedance amplifier (TIA) with automatic gain control (AGC) manufactured in a low cost pure CMOS process. The AGC enables over 31 dB of dynamic operating range, resulting in a high performance TIA designed for high sensitivity 2.5 Gbps applications.

1.2 Applications

- GPON ONT/ONU Transceivers
- 2.5 Gbps SFF/SFP Transceivers

2. Die Pin configuration and Definition

