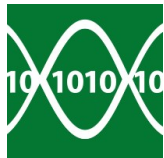


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Signal Integrity Transimpedance Amplifiers

Semtech NT20067

OC-3/155Mbps TIA (High Gain)



3.3V to 5.0V CMOS Transimpedance Amplifier with AGC for long and short reach SONET, ATM and Fast Ethernet transceiver products.

Overview ▾

Features

- -41dBm sensitivity, +3 dBm overload at 155 Mbps when used with 0.9 A/W PIN. (BER 10^{-10})
- 40Ω to 300kΩ transimpedance range (single-ended)
- Less than 36 mA current consumption
- Differential output
- Compatible with both 3 V and 5 V supplies
- Photocurrent monitor pad available
- Available as bare die

Applications

- OC-3/FE





Packaging

- Bare Die

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