## Product Brief

**32 Gbaud Dual-Channel, Differential Input, Linear Transimpedance/Variable-Gain Amplifier**

<table>
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<th>Part No.</th>
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<tbody>
<tr>
<td>IN3250TA</td>
<td>The IN3250TA is a dual-channel, differential linear transimpedance/variable-gain amplifier (TIA/VGA) for 100G and 200G coherent detection receivers for long haul and metro networks.</td>
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### Features

- Supports baud rates up to 32 Gbaud
- Dual-channel monolithic TIA/VGA
- 500 µm channel pitch
- Wide differential electrical gain
- High electrical bandwidth
- Adjustable output amplitude
- Automatic or manual gain control
- Peak detector output
- Output control
- Low power consumption
- Available in die form

### Market Segments

- Long Haul/Metro

### Applications

- 100G/200G Coherent Receivers
- Class 20 ICR