# 100 Gbaud Quad-Channel, Differential Mach-Zehnder Driver

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>IN10026DZ</td>
<td>The IN10026DZ is a low power, quad-channel, differential Mach-Zehnder (MZ) modulator driver that is designed to support 400G and 600G coherent metro applications.</td>
</tr>
</tbody>
</table>

## Product Type
Linear Drivers

## Market Segments
Long Haul/Metro

## Applications
Highly integrated 400G/600G coherent systems
HB-CDM, COSA, IC-TROSA applications
Direct drive SiPho and InP modulators

## Features
- Supports baud rates up to 100 Gbaud
- High electrical bandwidth
- Adjustable gain with peaking control
- Wide differential electrical gain
- Excellent THD
- Low power consumption
- Peak detector per channel
- External modulation tone control pin
- SPI control interface
- Available in die form