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

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Description</th>
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<tbody>
<tr>
<td>IN6426DZ</td>
<td>The IN6426DZ is a low power, quad-channel, differential Mach Zehnder (MZ) modulator driver that is designed to support 200G to 400G coherent metro transponder and transceiver applications.</td>
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**Product Type**
Linear Drivers

**Market Segments**
Long Haul/Metro

**Applications**
- Highly integrated 200G/400G coherent systems
- HB-CDM, COSA, IC-TROSA applications
- Direct drive SiPho and InP modulators

**Features**
- Supports baud rates up to 64 Gbaud
- Low distortion for 64QAM performance
- Differential outputs
- Differential AC-coupled inputs
- High electrical bandwidth
- Adjustable gain
- Low power consumption
- Temperature diodes
- Peak detector per channel
- Excellent THD
- External modulation tone control pin
- SPI with optional analog gain control
- Available in die form

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Marvell_IN6426DZ_PB Revised: 05/21