Low Voltage Inverter 4x drive

Size in microns (W x H):
19.0 x 38.6

Logic Equation:
Y = !A

Pin Capacitance (fF)

<table>
<thead>
<tr>
<th>Pin</th>
<th>best</th>
<th>typical</th>
<th>worst</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>10.3</td>
<td>13.9</td>
<td>19.4</td>
</tr>
<tr>
<td>Y</td>
<td>4.02</td>
<td>9.70</td>
<td>12.9</td>
</tr>
</tbody>
</table>

Truth Table

<table>
<thead>
<tr>
<th></th>
<th>A</th>
<th>Y</th>
</tr>
</thead>
<tbody>
<tr>
<td>a-y</td>
<td>0</td>
<td>1</td>
</tr>
<tr>
<td>y-a</td>
<td>1</td>
<td>0</td>
</tr>
</tbody>
</table>

Delay Information

<table>
<thead>
<tr>
<th>Path</th>
<th>Timing</th>
<th>best, 3.63V, -55C, Slewrise:0.938ns, Slewfall:0.994ns</th>
<th>typical, 3.3V, 25C, Slewrise:2.07ns, Slewfall:1.90ns</th>
<th>worst, 2.97V, 125C, Slewrise:5.70ns, Slewfall:4.64ns</th>
</tr>
</thead>
<tbody>
<tr>
<td>a-y</td>
<td>PD</td>
<td>0.250 0.569 1.86 0.681 1.45 4.55 2.32 4.67 14.1 1.54 + 12.9 * CL</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>TR</td>
<td>0.273 0.986 3.83 0.643 2.37 9.18 1.74 6.63 26.2</td>
<td></td>
<td></td>
</tr>
<tr>
<td>y-a</td>
<td>PD</td>
<td>0.308 0.770 2.63 0.671 1.45 4.56 1.75 3.27 9.39</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>TR</td>
<td>0.300 1.17 4.59 0.543 2.08 8.04 1.09 4.08 16.1</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
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INVX4L