

# OP5360 Specifications

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## General

<b>Product name</b>	<b>OP5360-1</b>	<b>OP5360-2</b>	<b>OP5360-3</b>
<b>Part number</b>	126-0447	126-0466	126-0651
<b>Product Type</b>	Digital output board		
<b>Form Factor</b>	OPAL-RT Type-B		

## Characteristics

<b>Number of Channels</b>	32		
<b>Output Configuration</b>	Outputs are not tri-stated; forced to a low state when undriven or unpowered.	Push-pull, tri-state output	
<b>Voltage range (Vuser)</b>	5 to 15 Vdc max	5 to 30 Vdc max	
<b>Isolation</b>	Galvanic		
<b>Output Protection</b>	50 mA resettable fuse		
<b>Protection Thresholds</b>	Over-voltage: 16V	Over-voltage 30V +/- 5% Under voltage protection 5V +/- 2.5%	
<b>Maximum Reverse Voltage</b>	30V		

## Dynamic Characteristics

<b>Delay Low-to-High</b>	<=50 ns	90 ns @ 25°C for 30 V 200 ns @ 25°C for 5 V	
<b>Delay High-to-Low</b>	<=50 ns	90 ns @ 25°C for 30 V 200 ns @ 25°C for 5 V	
<b>Rise/Fall times</b>	<= 20 ns		<= 50 ns

## Environmental

<b>Operating Temperature</b>	10 to 40 °C (50 to 104°F)
<b>Storage Temperature</b>	-55 to 85°C (-67 to 185°F)
<b>Relative Humidity</b>	10 to 90%, non condensing
<b>Maximum Altitude</b>	2,000 m (6562 ft.)