

# OP4610XG I/O Specifications

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## Compatible I/O modules and suggested standard configuration

The OP4610XG can hold **any combination of four (4) compatible I/O modules**.

This **default I/O module configuration** suggested comprises

**2x** [OP5330 - 16 Analog Output at 1MSPS or 8 Analog Output at 2MSPS](#)

**1x** [OP5342 - 16 Analog Input - 2MSPS](#)

**1x** [OP5369 32-Channel Digital IO Board](#)

## RS422 I/O Module

This is the default I/O module provided with the OP4610XG.

Another optional I/O module may have been installed on the customer's request, replacing the RS422 I/O module.

### RS422 Digital In

This is the default I/O module provided with the OP4610XG. Another optional I/O module may have been installed on the customer's request.

<b>Number of channels</b>	6 differential inputs
<b>Detection threshold</b>	$\pm 0.5$ V
<b>Input current</b>	$\pm 3$ mA
<b>Delay Low-to-High</b>	65 ns

### RS422 Digital Out

This is the default I/O module provided with the OP4610XG. Another optional I/O module may have been installed on the customer's request.

<b>Number of channels</b>	6 differential outputs
<b>High level (with load)</b> <b>Low level (with load)</b>	2.5 V min @ -20 mA 0.5 V max @ 20 mA
<b>Delay Low-to-High</b>	55 ns