

OP4512 I/O Specifications

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Compatible I/O modules and suggested standard configuration

The OP4612 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 OP4512.

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

RS422 Digital In

Number of channels	6 differential inputs
Detection threshold	± 0.5 V
Input current	± 3 mA
Delay Low-to-High	65 ns

RS422 Digital Out

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