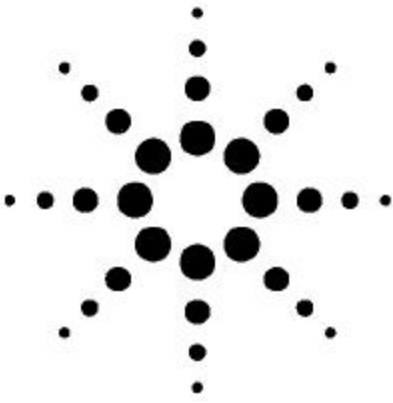


Agilent N2269A 16-Bit Optical Isolated Digital I/O +2 DACs Module

Data Sheet



Product Specifications

I/O Lines

Maximum Voltage (line-chassis): +5.25V

Maximum sink current (per bit): 16mA

Output Characteristics:

V_{out} (high) 2.4V @10mA

V_{out} (low) 0.8V @16mA

Input Characteristics:

V_{in} (high) 2.0V

V_{in} (low) 0.8V

Handshake Lines

Maximum Voltage (line-chassis): +5V DC

Output Characteristics:

V_{out} (high) 2.4V @ 400 μ A

V_{out} (low) 0.5V @ 1mA input

Input Characteristics:

V_{in} (high) 2.0V

V_{in} (low) 0.8V

Digital I/O isolation voltage

350V

DAC ports

Output Range: \pm 12V, non optical isolated

Resolution: 1mV

Output Current: 10mA

Setting Time: 1ms to 0.01% of output

Accuracy (24 hour \pm 1 $^{\circ}$ C): 0.04% of output + 4mV

Temp. Coefficient: \pm (0.015% of output + 1mV)/ $^{\circ}$ C

DAC Sample Rate: 781.25K Sa/S

Module Accessories

N2329A Screw terminal block

N2296A Crimp & insert terminal block

N2297A DIN96-to-Twin-D50 cable

N2299A DIN96-to-Quad-D25 cable

