

ADAM-3617-AE

ADAM-3624-AE

4-ch Analog Input Module

4-ch Analog Output Module

NEW



ADAM-3617-AE

RoHS
COMPLIANT
2002/95/EC

CE FCC

Specifications

General

- Power Consumption 1W (Max)
- Certification CE/FCC

Analog Input

- Channels 4, differential
- Input Type Voltage, Current
- Resolution 16-bit
- Voltage/Current $\pm 10V$, $\pm 2.5V$, 0 ~ 20mA, Range 4 ~ 20mA
- Sampling rate 10 sample/second (total)
- Input Impedance 0.1 M Ω
- Accuracy $\pm 0.1\%$ or better of FSR (Voltage) $\pm 0.2\%$ or better of FSR (Current)
- CMR @ 50/60 Hz 90 dBs
- NMR @ 50/60 Hz 60 dBs
- Span Drift ± 25 ppm/ $^{\circ}C$
- Zero Drift ± 6 $\mu V/^{\circ}C$, ± 6 $\mu A/^{\circ}C$
- Isolation Voltage 2000 V_{DC}
- Burn-out detection Yes (Current-only)

Environment

- Operating Temp. -40 ~ 70 $^{\circ}C$
- Storage Temp. -40 ~ 85 $^{\circ}C$
- Humidity 5 ~ 95% (no-condensation)

Ordering Information

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Specifications

General

- Power Consumption 1W (Max)
- Certification CE/FCC

Analog Output

- Channels 4
- Output Impedance 4 Ω
- Output Settling Time 10 μs
- Driving Load Voltage: 2k Ω
Current: 500 Ω
- Output Type Voltage, Current
- Output Range 0 ~ 10 V_{DC}
0 ~ 20 mA4 ~ 20 mA
- Resolution 12-bit
- Accuracy $\pm 0.3\%$ of FSR (Voltage) at 25 $^{\circ}C$ $\pm 0.3\%$ of FSR (Current) at 25 $^{\circ}C$
- Current Load Resistor 0 ~ 500 Ω
- Drift ± 25 ppm/ $^{\circ}C$
- Isolation Voltage 2000 V_{DC}

Environment

- Operating Temp. -40 ~ 70 $^{\circ}C$
- Storage Temp. -40 ~ 85 $^{\circ}C$
- Humidity 5 ~ 95% (no-condensation)

Ordering Information

- ADAM-3624-A 4-ch Analog Output Module