

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 $\pm 10V$, $\pm 2.5V$, $0 \sim 20mA$, Range 4 $\sim 20mA$
- Sampling rate 10 sample/second (total)
- Input Impedance $0.1 M\Omega$
- 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 $\pm 6 \mu V/^{\circ}C$, $\pm 6 \mu A/^{\circ}C$
- Isolation Voltage $2000 V_{DC}$
- Burn-out detection Yes (Current-only)

Environment

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

Ordering Information

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Specifications

General

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

Analog Output

- Channels 4
- Output Impedance 4Ω
- Output Settling Time $10 \mu s$
- Driving Load Voltage: $2k\Omega$
Current: 500Ω
- Output Type Voltage, Current
- Output Range $0 \sim 10 V_{DC}$
 $0 \sim 20 mA \sim 20 mA$
- 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 $0 \sim 500\Omega$
- Drift ± 25 ppm/ $^{\circ}C$
- Isolation Voltage $2000 V_{DC}$

Environment

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

Ordering Information

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