

# 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 ~ 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  $\pm 25$  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 ~ 95% (no-condensation)

## Ordering Information

- ADAM-3617-AE 4-ch Analog Input Module

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## Specifications

### General

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

### Analog Output

- Channels 4
- Output Impedance  $4 \Omega$
- Output Settling Time  $10 \mu s$
- Driving Load Voltage:  $2k\Omega$   
Current:  $500 \Omega$
- Output Type Voltage, Current
- Output Range  $0 \sim 10 V_{DC}$   
 $0 \sim 20 mA$  ~  $20 mA$
- 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  $\pm 25$  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 ~ 95% (no-condensation)

## Ordering Information

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