

# ISA Bus Data Acquisition Boards



- A-826PG**  
**16-Bit Multifunction Board**
- 100KS/s sampling rate
  - 16 channel analog inputs
  - 2 channel analog outputs
  - 16 DI/16DO
  - Gain 1, 2, 4, 8



- A-626, A628**  
**A-626: 6 Channel D/A Board**  
**A-628: 8 Channel D/A Board**
- 12-bit resolution
  - Output range: 4~20mA, 0~5V, 0~10V,  $\pm 5V$ ,  $\pm 10V$
  - 16-Channel digital input/output



- A-822PGH, A822PGL**  
**12-Bit Multifunction Board**
- 125KS/s sampling rate
  - 16 channel analog inputs
  - 2 channel uni-polar analog outputs
  - 16 digital input/output
  - PGL: Low Gain
  - PGH: High Gain



- DIO-24**  
**24-Bit Digital Input/Output Board**
- OPTO-22 compatible
  - Emulated 8225 mode 0
  - High output driving capacity



- A-823PGH, A823PGL**  
**12-Bit Multifunction Board**
- 125KS/s sampling rate
  - 16 channel analog inputs
  - 2 channel uni-polar/bi-polar analog outputs
  - 16 digital input/output
  - PGL: Low Gain
  - PGH: High Gain



- DIO-48**  
**48-Bit Digital Input/Output Board**
- OPTO-22 compatible
  - Emulated 8225 mode 0
  - High output driving capacity
  - On board timer/counter
  - Interrupt handling



- A-821PGH, A821PGL**  
**12-Bit Multifunction Board**
- 45KS/s sampling rate
  - 16 channel analog inputs
  - One channel analog output
  - 16 digital input/output
  - PGL: Low Gain
  - PGH: High Gain



- DIO-64/3**  
**DIO-64/6**  
**64-Bit Digital Input/Output Board**
- 32-bit digital inputs
  - 32-bit digital outputs
  - 20-pin connector
  - 3 timer/counter (DIO-64/3)
  - 6 timer/counter (DIO-64/6)
  - Interrupt handling



- A-812PG**  
**12-Bit Multifunction Board**
- 70KS/s sampling rate
  - 16 channel analog inputs
  - 2 channel uni-polar analog outputs
  - 16-Channel digital input/output



- DIO-144/DIO-96**  
**144-Bit/96-Bit Digital Input/Output Board**
- OPTO-22 compatible
  - 50-pin connector
  - Emulated 8255 mode 0
  - High output driving capacity



- A-8111**  
**12-Bit Multifunction Board**
- 30KS/s sampling rate
  - 8 channel analog inputs
  - One channel uni-polar analog outputs
  - 16-Channel digital input/output



- TMC-10**  
**10-Channel Timer/Counter Board**
- Four 8254 CHIP
  - 37-pin D-sub connector
  - Interrupt handling
  - Timer trigger/event trigger

# Daughter Boards & Accessories

## DB-200

**Connector interface for SERVO-300 - 3-axis SERVO motor controller board**

- 3-axis encoder, analog output board
- Screw terminals for easy field wiring
- Limit switch of Z axis
- One 25-pin and 2 9-pin connectors
- Simulated Limit switch for Z-axis



**NEW**

## DB-24OD

**24-Channel Open-Drain Output Board**

- OPTO-22 compatible
- 24-Channel open-drain
- LED indicates output status



## DB-8R

**Connector interface for SERVO-300 - 3-axis SERVO motor controller board**

- 8 digital inputs, X, Y and emergency limit switch inputs
- 7 Form C Relays (SPDT)
- D-sub 25 connector to control 7 Form C relays, 8 digital inputs, emergency input and X, Y limit switch inputs.
- LEDs indicated relay output, digital inputs, emergency input and X, Y limit switch input status.
- Screw terminals for easy field wiring



## DB-24C

**24-Channel Open-Collector Output Board**

- OPTO-22 compatible
- 24 channel open-collector output(NPN)
- LED indicates output status



## DB-889D

**16-Channel Analog Multiplexer Board**

- 16 channel multiplexer
- Programmable gain: 0.5, 1, 5, 10, 50, 100, 500, 1000
- On board CJC circuit
- Cascaded to 10 boards



## DB-16R

**16-Channel Relay Board**

- 16-Channel relay output
- LED indicate output status



## DB-24POR

**24-Channel Photo Mos Relay Bord**

- OPTO-22 compatible
- 24-channel Photo Mos Relay outputs
- LED indicates output status



## DB-16P

**16-Channel Isolated Input Board**

- 16-Channel isolated Digital Input
- 0~24V AC/DC inputs
- On board AC filter
- 20-pin connector for DAS board



## DB-24SSR

**24-Channel Solid State Relay Output Board**

- OPTO-22 compatible
- 24 solid state relay outputs
- LED indicates output status



## DB-12SSR

**12-Channel Solid State Relay Output Board**

- OPTO-22 compatible
- 12 solid state relay outputs
- LED indicates output status



## DB-24P/DB-24PD

**24-Channel isolated Input Board**

- OPTO-22 compatible
- 24-Channel isolated Digital input
- 0~24V AC/DC isolation input
- On board AC filter

