

Hot

# NEW Products—



i-87117W

## i-87117W

**Dual-Bus High Speed, High Resolution A/D Module**

Applications: Power System Quality Monitoring,  
Signal Pattern Match monitoring

- Input Channels: 8 Differential
- Input types: +/-2.5V, +/-5VDC, +/-10VDC
- Resolution: 16-Bit
- Sampling Rate: 250K Samples/sec



i-87118W

## i-87118W

**Dual-Bus High Speed Waveform Analysis Module**

Applications: Power System Quality Monitoring,  
Signal Pattern Match monitoring

- Input Channels: 6 Differential
- Input types: +/-10V, +/-5V, +/-2.5, 0~10V
- Resolution: 12-Bit
- Sampling Rate: 1M Samples/sec
- Waveform Analysis: Frequency, amplitude, High/Low Duty Comparison



i-87088W

## i-87088W

**8-Channel PWM Output Module with High Speed Counter**

Applications: Stepping Motor Control,  
Duty Cycle Control, High Speed Counter

- PWM Channels: 8
- Frequency: 0.1 Hz ~ 500K Hz
- Duty Cycle: 0.1 % ~ 99.9 %
- PWM Mode: Burst mode, Continuous mode
- Burst mode counter: 1 ~ 65535 counts
- Trigger Start: Hardware or Software
- Counter Channels ; 8
- Counter Max. Frequency ; 500K Hz



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Additional data sheet of  
2008 volume 6.5

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## i-8017UH

### High Speed A/D Module With MagicScan

- Input Channels: 16 single-ended or 8 differential
- Input range: bipolar:  $\pm 10V, \pm 5V, \pm 2.5V, \pm 1.25V$
- Resolution: **16 bits**
- Sample rate: **250K**
- FIFO: 8K bytes
- Over voltage: continuous single channel to 70Vp-p.
- Support auto scan, MagicScan controller inside



## i-8088W

### 8-Channel PWM Output Module

Applications: Stepping Motor Control,  
Duty Cycle Control

- PWM Channels: 8
- Frequency: 0.1 Hz ~ 500K Hz
- Duty Cycle: 0.1 % ~ 99.9 %
- PWM Mode: Burst mode, Continuous mode
- Burst mode counter: 1 ~ 65535 counts
- Trigger Start: Hardware or Software
- Digital Input Channels: 8



## i-8184

### Programmable D/O triggered by D/I module

- D/I Channels: 8
- D/O Channels: 8
- D/I Trigger: Rising Edge or Faling Edge
- D/I Digital Filter: 10  $\mu$ S ~ 2550  $\mu$ S Programmable
- D/O Delay Time: 1  $\mu$ S ~ 65535  $\mu$ S
- D/O Pulse Width: 1  $\mu$ S ~ 65535  $\mu$ S

# NEW Products—



i-7015P-G

## i-7015P-G

6-channel RTD Input with 3-wire RTD Lead Resistance Elimination

Features : For Long Distance RTD Measurement

- Analog input types: Pt, Ni or Cu RTD
- Sampling rate: 12 samples/sec
- Accuracy: 0.05%
- Input connection: 2 or 3 wires
- Individual channel configurable
- Open wire detection
- 3-wire RTD lead resistance elimination



i-7017Z-G

## i-7017Z-G

10/20-channel Analog Input Module with High Voltage Protection

Features: More Input type , More Sampling Rates, More Protection, More Flesibility

- Input channels: 10 differential or 20 single-ended
- Input types: mV, V, mA (jumper selectable)
- Sampling rates: 10/60 samples/second total
- Over voltage protection: 240Vrms for differential input and 150 Vrms for single-ended input
- Individual channel configurable
- Isolation voltage: 3000VDC
- ESD Protection: 4KV Contact for each terminal, and 8KV Air for random point
- EFT Protection: 4KV to Power, and 1KV to RS-485



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## i-7018Z-G/S

10-channel Thermocouple Input Module with Daughter Board

Features: More Channels , Very Accurate

- Input channels: 10 differential
- Input types: mV, V, mA (requires optional external 125 ohm resistor), thermocouple
- Sampling rates: 10 samples/second total
- Over voltage protection: 240Vrms
- Individual channel configurable
- Open thermocouple detection
- Isolation voltage: 3000VDC



## i-7088-G/i-7088D-G

8-Channel PWM Output Module with High Speed Counter

Applications: Stepping Motor Control, Duty Cycle Control, High Speed Counter

- PWM Channels: 8
- Frequency: 0.1 Hz ~ 500K Hz
- Duty Cycle: 0.1 % ~ 99.9 %
- PWM Mode: Burst mode, Continuous mode
- Burst mode counter: 1 ~ 65535 counts
- Trigger Start: Hardware or Software
- Counter Channels ; 8
- Counter Max. Frequency ; 500K Hz

