

# Table Of CONTENTS

## Industrial Communication Boards

### PCI Communication Boards

Overview & Features .....	1-1
Selection Guide .....	1-2
VXC-112 / VXC-112i .....	1-3
VXC-114H .....	1-4
VXC-142 / VXC-142i .....	1-5
VXC-144 .....	1-6
VXC-182i .....	1-7

### CAN Communication Boards

PISO-CAN200-D / PISO-CAN200-T .....	1-8
PISO-CAN400-D / PISO-CAN400-T .....	1-9
PISO-CM100 .....	1-10
PISO-CPM100 .....	1-11
PISO-DNM100 .....	1-12

### PCI / ISA Communication Boards

PCI-488 / PC-488 .....	1-13
------------------------	------

### Communication Interface

USB-488 .....	1-14
---------------	------

## PCI Bus Memory Boards

PCI-M512 / PCI-M4M .....	2-1
--------------------------	-----

## PCI Bus Data Acquisition Boards

Selection Guide .....	2-2
<b>Multifunction Boards</b>	
PCI-180X / PCI-1602 / PCI-1202 .....	2-3
PCI-1002 .....	2-7
PIO-821 .....	2-9
<b>A/D, D/A Boards</b>	
PISO-813 .....	2-10
Selection Guide .....	2-11
PISO-DA2 .....	2-12
PIO-DA16 / PIO-DA8 / PIO-DA4 .....	2-13
<b>Digital I/O Boards</b>	
Selection Guide .....	2-15
PIO-D168 / PIO-D144 / PIO-D96 / PIO-D48 .....	2-16
PIO-D64 .....	2-19
PIO-D56 / PIO-D24 .....	2-20
PCI-TMC12A .....	2-21
Selection Guide .....	2-22
PCI-P8R8 / PCI-P16R16 .....	2-23
PCI-P16C16 .....	2-24
PCI-P16POR16 .....	2-25
PISO-P8R8 / PISO-P8SSR8AC / PISO-P8SSR8DC .....	2-26
PISO-P32A32 / PISO-P32C32 / PISO-P64 /	
PISO-A64 / PISO-C64 .....	2-28
PISO-725 .....	2-30
PISO-730 / PISO-730A .....	2-31

## ISA Bus Data Acquisition Boards

### Isolated Data Acquisition Boards

Selection Guide .....	3-1
ISO-AD32H / ISO-AD32L .....	3-2
ISO-LDH / ISO-LDL .....	3-4
ISO-813 .....	3-6
ISO-DA8 / ISO-DA16 .....	3-7
ISO-P32C32 / ISO-P64 / ISO-C64 .....	3-9
ISO-730 .....	3-11
ISO-P8R8DIO / ISO-P16R16DIO .....	3-12

### Multi-Function Boards

Selection Guide .....	3-13
A-826PG .....	3-14
A-823PG / A-822PG .....	3-16
A-821PG .....	3-18
A-812PG .....	3-20
A-8111 .....	3-21

### ISA-Bus Data Acquisition Boards

A-626 / A-628 .....	3-22
A-812PG / A-8111 / A-626 / A-628 Pin Assignment .....	3-23
DIO-144 / DIO-96 / DIO-48 / DIO-24 .....	3-24
DIO-64 .....	3-26
TMC-10 .....	3-27

## Daughter Boards & Accessories

### Daughter Boards

Selection Guide .....	4-1
DB-32R / DB-16P16R .....	4-5
DB-16P / DB-24P / DB-24PD .....	4-6
DB-16R / DB-24R / DB-24RD .....	4-7
DB-24PR / DB-24PRD .....	4-8
DB-24C / DB-24OD .....	4-9
DB-24POR / DB-16P8R .....	4-10
DB-24SSR .....	4-11
DB-889D .....	4-12
DN-09-2 / DN-20 / DN-20-381 / DN-25 / DN-37 / DN-37-381 .....	4-13
DN-50 / DN-50-381 / DN-68 .....	4-13
DB-1825 / DB-8025 / DB-8125 / DB-8225 / DB-8325 / DB-8425 / DB-3R / DB-8R / DB-37 / DB-200 .....	4-14

### Relay Module

DN-PR4 / DN-SSR4 / RM-10X / RM-20X / I-950-ENC .....	4-16
--	------

### Accessories & Cable

.....	4-18
-------	------

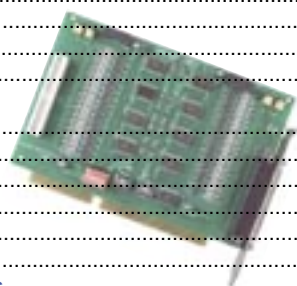
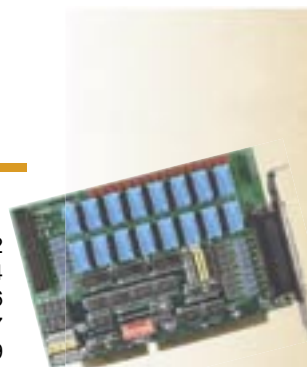
## Motion Control & Watchdog Boards

### Motion Control Boards

PISO-PS300 .....	5-1
PISO-ENC300 / PISO-ENC600 .....	5-3
SERVO-300 .....	5-4
STEP-200 .....	5-6
ENCODER-300 .....	5-7

### Watchdog Boards

WDT-01 / WDT-02 .....	5-8
WDT-03 .....	5-9



# Table Of CONTENTS



## Signal Conditioning & Power Modules

Selection Guide .....	6-1
SG-3011 .....	6-2
SG-3016 .....	6-3
SG-3013 .....	6-4
SG-3071 .....	6-5
SG-3081 .....	6-6
PW-3090 .....	6-7

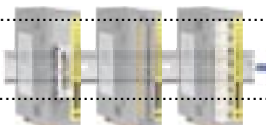
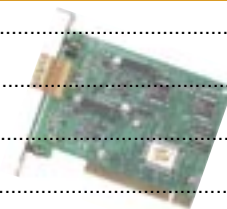


## Software Solution

Utility & Software .....	7-1
Software Support .....	7-11

## FRnet & FRnet Products

FRnet & FRnet Products Overview .....	8-1
<b>FRnet Communication Boards</b>	
FRB-200 / FRB-100 .....	8-3
<b>FRnet Embedded Controller</b>	
I-7188EF-016 / I-7188EFD-016 .....	8-4
<b>FRnet MagicWire</b>	
Selection Guide .....	8-5
Introduction .....	8-6
MD-11 / MD-12 .....	8-9
MA-11 / MA-12 .....	8-11
<b>FR I/O Modules</b>	
Selection Guide .....	8-14
Common Features .....	8-16
Jumper Setting .....	8-17
Interface Circuits .....	8-18
FR-8P / FR-16P / FR-32P .....	8-19
FR-8C / FR-16C / FR-32C .....	8-20
FR-8A / FR-16A / FR-32A .....	8-21
FR-8R / FR-16R / FR-32R .....	8-22
FR-4P4A / FR-16P16A .....	8-23
FR-4P4POR / FR-4P4SSRA / FR-4P4SSRD .....	8-24
FR-8POR / FR-16POR / FR-8SSRA / FR-16SSRA /	
FR-8SSRD / FR-16SSRD .....	8-25
FR-4P4R / FR-16P16R .....	8-26
FR-4P4C / FR-16P16C .....	8-27
<b>FRnet Distributed I/O Modules</b>	
FR-2053 / FR-2053T / FR-2053S /	
FR-2057 / FR-2057T / FR-2057S .....	8-28



## LED Display

EKAN Series .....	9-1
-------------------	-----

