CANopen Remote I/O Module
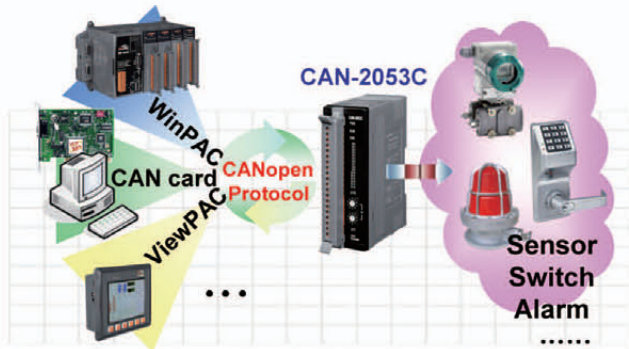
16-channel Isolated DI module of CANopen Slave

CAN-2053C
NEW

CAN-2053C has 16-channel isolated sink/source input and it can be used to various applications, such as PNP, NPN, TTL, relay contact and so forth. By owing to the CANopen masters of ICP DAS or other manufactory, users can quickly build a CANopen network to approach user's requirements.

✔ NMT Slave
✔ Providing I/O Pair-connection function
✔ Provide default EDS file
✔ Passed the validation of CiA CANopen conformance test tool
✔ Support Polarity Input Setting and Save
✔ Support Dynamic PDO
✔ Support Application: PNP, NPN, TTL, and Relay Contact
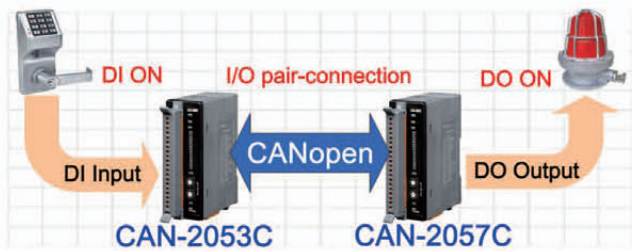✔ ESD Protection 4 kV Contact for each channel

16-channel Isolated DO module of CANopen Slave

CAN-2057C
NEW

CAN-2057C module follows the DS-301 version 4.02 and DSP-401 version 2.1. CAN-2057C had passed the validation of the CiA CANopen Conformance Test tool. Therefore, users can use it with standard CANopen master easily by applying the EDS file.

✔ NMT Slave
✔ Providing I/O Pair-connection function
✔ Provide default EDS file
✔ Passed the validation of CiA CANopen conformance test tool
✔ Support Polarity Output Setting and Save
✔ Support Error Value Output Setting and Save
✔ Support Dynamic PDO
✔ Support Application: Drive Relay, Resistance Load
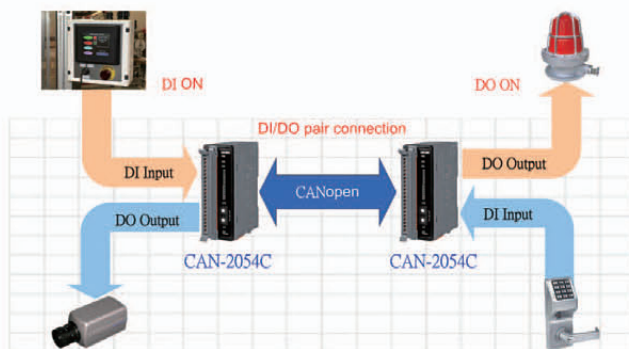✔ ESD Protection 4 kV Contact for each channel

8-ch DI & 8-ch DO module of CANopen Slave

CAN-2054C
NEW

CAN-2054C has 8 isolated sink/source input channels and 8 isolated sink output channels. It can be used to various applications, such as PNP, NPN, TTL, relay contact and so forth. By owing to the CANopen masters of ICP DAS, you can quickly build a CANopen network to approach your requirements.

✔ NMT Slave
✔ Providing Pair-Connect function
✔ Provide default EDS file
✔ ESD Protection 4 KV Contact for each channel
✔ Support Power Supply +10 ~ +30 V$_{DC}$
✔ Support CiA DS-301 v4.02, DSP-401 v2.1
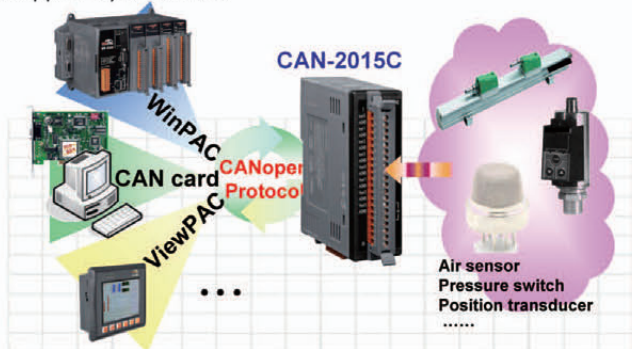✔ Support PDO Mapping

8-channel RTD Input Module of CANopen Slave

CAN-2015C
Available soon

CAN-2015C module follows the CiA DS-301 version 4.02 and DSP-401 version 2.1. You can access the thermocouple input status and set the configuration by using standard CANopen protocol. CAN-2015C has passed the validation of the CiA CANopen conformance test tool. Therefore, you can use it with standard CANopen master easily by applying the EDS file.

✔ NMT Slave
✔ NMT Error Control support Guarding and Heartbeat
✔ Provide default EDS file
✔ Passed the validation of CiA CANopen conformance test tool
✔ ESD Protection 4 KV Contact for each channel
✔ Support Power Supply +10 ~ +30 V$_{DC}$
✔ Support CiA DS-301 v4.02, DSP-401 v2.1
✔ Support Dynamic PDO

CANopen Introduction & Products

Analogue Input module of CANopen Slave

CAN-2017C
NEW

CAN-2017C module follows the CiA DS-301 version 4.02 and DSP-401 version 2.1. You can access the analogue input status and set the configuration by using standard CANopen protocol. CAN-2017C has passed the validation of the CiA CANopen Conformance Test tool.

✔ NMT Slave
✔ NMT Error Control support Guarding and Heartbeat
✔ Provide default EDS file
✔ Passed the validation of CiA CANopen conformance test tool
✔ Sampling mode support normal and fast mode
✔ ESD Protection 4 KV Contact for each channel
✔ Support Power Supply +10 ~ +30 V$_{DC}$
✔ Support CiA DS-301 v4.02, DSP-401 v2.1

CANopen Master

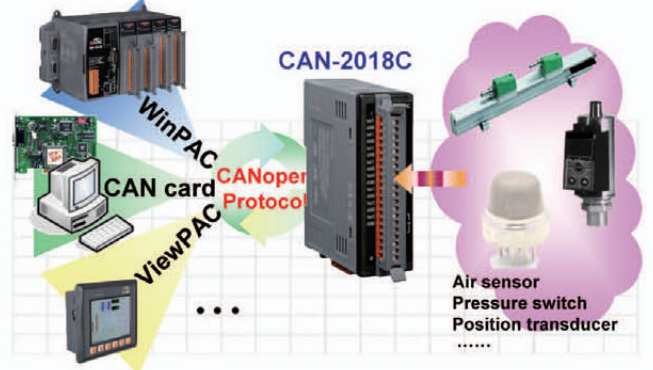**CANopen Network**

Other CANopen Device

CAN-2017C

8-channel Thermocouple Input Module of CANopen Slave

CAN-2018C
Available soon

CAN-2018C has passed the validation of the CiA CANopen conformance test tool. Therefore, you can use it with standard CANopen master easily by applying the EDS file. CAN-2018C has 8 differential thermocouple input channels. By the CANopen masters of ICP DAS, you can quickly build a CANopen network to approach your requirement.

✔ NMT Slave
✔ NMT Error Control support Guarding and Heartbeat
✔ Provide default EDS file
✔ Passed the validation of CiA CANopen conformance test tool
✔ ESD Protection 4 KV Contact for each channel
✔ Support Power Supply +10 ~ +30 V$_{DC}$
✔ Support CiA DS-301 v4.02, DSP-401 v2.1
✔ Support Dynamic PDO

WinPAC
CAN card
ViewPAC
CANopen Protocol
CAN-2018C

Air sensor
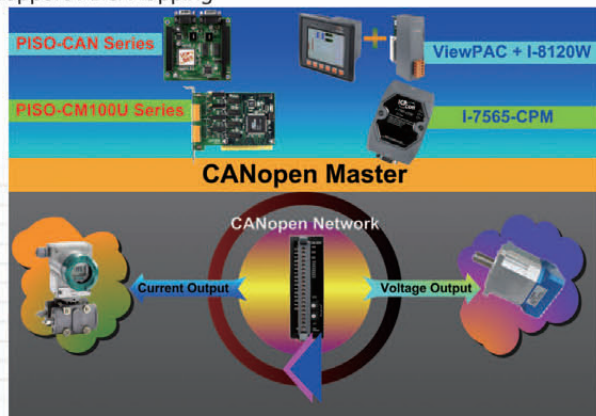**Pressure switch**
Position transducer
......

Analog Output Module of CANopen Slave

CAN-2024C
NEW

CAN-2024C module follows the CiA DS-301 version 4.02 and DSP-401 version 2.1. You can access the analogue output status and set the configuration by using standard CANopen protocol. CAN-2024C has passed the validation of the CiA CANopen conformance test tool.

✔ NMT Slave
✔ Read-Back Accuracy ±1% of FSR
✔ Provide default EDS file
✔ ESD Protection 4 KV Contact for each channel
✔ Support Power Supply +10 ~ +30 V$_{DC}$
✔ Support CiA DS-301 v4.02, DSP-401 v2.1
✔ Support PDO Mapping

PISO-CAN Series
ViewPAC + I-8120W
PISO-CM100U Series
I-7565-CPM
CANopen Master

CANopen Network
Current Output
Voltage Output

PWM module of CANopen Slave

CAN-2088C
NEW

PWM (Pulse width modulation) is a powerful technique for controlling analog circuits. By using digital outputs, it can generate a waveform with variant duty cycle and frequency to control analog circuits. CAN-2088C, a CAN bus remote I/O modules with CANopen protocol, provides 8 PWM output channels and 8 digital inputs channels with high-speed counter function.

✔ Hardware-controlled PWM output
✔ PWM output frequency: 0.2 Hz ~ 500 kHz with 0.1%~99.9% duty cycle
✔ PWM Output Modes: software trigger / hardware trigger
✔ Trigger each PWM output individually or all PWM outputs synchronously
✔ Support Burst output mode and Continue output mode
✔ Provide 32-bit 500 kHz high-speed counter for each DI channel
✔ Pass the validation of CANopen conformance test
✔ Provide EDS file for CANopen master interface

CANopen Master
Software Trigger
CAN-2088C
MCU
or
Alarm
Hardware Trigger
PWM (Burst Mode)
Motor