Nippon Pulse Motor Co., Ltd.

CC-Link IE TSN Remote Station **1 -axis** Stepping Motor Driver

CLET-AD1442A1

NPM Nippon Pulse Motor
"Impress, not just satisfy"

Under development

1-axis Bipolar

This product meets the demand for stepping motor controls with CC-Link IE TSN.
It is a compact and cost-effective product that integrates a motion controller using NPM's Pulse Control LSI, PCL6115 and a motor driver.

  [Features]
- ・Certified class: Class B
- ・Communication speed: 1 Gbps, 100 Mbps
- ・CANopen: CiA402 drive profile supported
     PP mode (Profile Position mode), HM mode (Homing mode),
     CSP mode (Cyclic Synchronous Position mode)
- ・Network synchronization function
- ・2-phase bipolar constant current stepping motor driver
     Maximum output current: 3.0 A/phase, Micro-step: 1/32 division
- ・Advanced current control function
     Out-of-step prevention function (Drive current optimization for load torque)
     Current-up function during acceleration/deceleration
- ・Position monitoring by encoder inputs (For out-of-step detection)

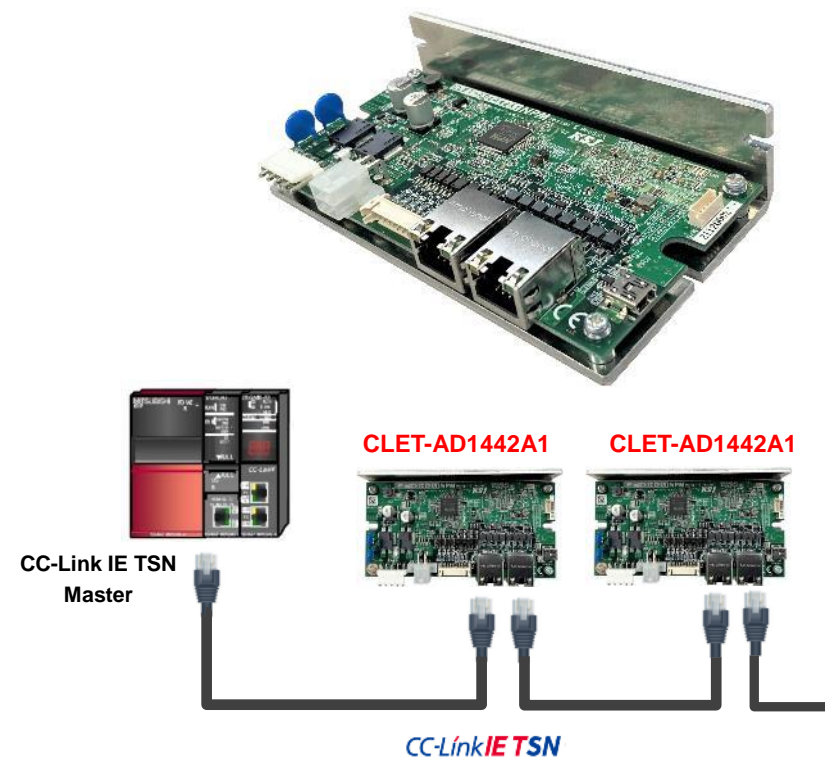URL: https://www.pulsemotor.com/products/CC-Link/

E-mail: c-kou@npm.co.jp

TEL: 03-3813-8841（担当：黄）

CC-Link IE TSN
Master

CLET-AD1442A1   CLET-AD1442A1

CC-Link**IE TSN**

Nippon Pulse Motor Co., Ltd.

CC-Link IE TSN Remote Station 4-axes Stepping Motor Driver

NPM Nippon Pulse Motor
"Impress, not just satisfy"

CLET-AD1441A4

Under development

4-axes Bipolar

This product meets the demand for stepping motor controls with CC-Link IE TSN.
It is a compact and cost-effective product that integrates a motion controller using NPM's Pulse Control LSI, PCL6145 and a motor driver.

[Features]
- Certified class: Class B
- Communication speed: 1 Gbps, 100 Mbps
- CANopen: CiA402 drive profile supported
    PP mode (Profile Position mode), HM mode (Homing mode),
    CSP mode (Cyclic Synchronous Position mode)
- Network synchronization function
- 2-phase bipolar constant current stepping motor driver
    Maximum output current: 3.0 A/phase, Micro-step: 1/32 division
- Advanced current control function
    Out-of-step prevention function (Drive current optimization for load torque)
    Current-up function during acceleration/deceleration
- Position monitoring by encoder inputs (For out-of-step detection)

CC-Link IE TSN
Master

CLET-AD1441A4   CLET-AD1441A4

CC-Link**IE TSN**

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