

# 6DD1606-1AA0

## Processor Module

Siemens 6DD1606-1AA0 is a SIMADYN D PT2 technology processor module for legacy digital control systems. It is a discontinued product and must be matched to the documented rack and project configuration.

| BRAND  | Siemens                            | ORIGIN  | Germany                                                      |
|--------|------------------------------------|---------|--------------------------------------------------------------|
| MODEL  | 6DD1606-1AA0                       | PRODUCT | Processor Module                                             |
| FAMILY | SIMADYN D PT2 Technology Processor | SOURCE  | Siemens SiePortal exact product record; discontinued product |

### MANUFACTURER SOURCE RECORD

Siemens 6DD1606-1AA0 Product Details  
Siemens SiePortal exact product record; discontinued product

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6DD1606-1AA0

# Product Overview

## SYSTEM FUNCTION

Siemens 6DD1606-1AA0 is a SIMADYN D PT2 technology processor module for legacy digital control systems. It is a discontinued product and must be matched to the documented rack and project configuration.

## FUNCTION 1

PT2 technology processor

## FUNCTION 2

SIMADYN D rack use

## FUNCTION 3

Legacy project execution

## FUNCTION 4

Controlled spare replacement

## TECHNICAL NOTE

Use only the complete Siemens 6DD1606-1AA0 identity and the current manufacturer documentation. Confirm installed hardware, wiring, firmware or parameter compatibility and the approved maintenance record before replacement or release.

# Technical Data and Acceptance

| PARAMETER         | VERIFIED VALUE                            |
|-------------------|-------------------------------------------|
| Complete model    | 6DD1606-1AA0                              |
| Module type       | SIMADYN D processor module PT2 technology |
| Product status    | Discontinued product                      |
| System            | SIMADYN D                                 |
| Country of origin | Germany                                   |

**ENGINEERING BOUNDARY**

Use only the complete Siemens 6DD1606-1AA0 identity and the current manufacturer documentation. Confirm installed hardware, wiring, firmware or parameter compatibility and the approved maintenance record before replacement or release.

## Acceptance Path

**1 IDENTITY**

Siemens 6DD1606-1AA0 is recorded without abbreviation.

**2 INTERFACE**

Connectors, terminals and companion hardware match the approved record.

**3 CONFIGURATION**

Electrical, firmware and parameter values are verified.

**4 OPERATION**

Diagnostics and the controlled functional test are acceptable.

# Applications and Engineering FAQ

| APPLICATION          | ENGINEERING CONTEXT                                  |
|----------------------|------------------------------------------------------|
| Process control      | Executes documented SIMADYN D control functions.     |
| Machine control      | Supports legacy deterministic control projects.      |
| Retrofit maintenance | Maintains an installed SIMADYN D configuration.      |
| Spare replacement    | Replaces only an exact approved 6DD1606-1AA0 module. |

## Model-Specific FAQ - Part 1

| QUESTION                                    | ANSWER                                                                                                                                                                                                     |
|---------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| What is Siemens 6DD1606-1AA0?               | Siemens 6DD1606-1AA0 is a SIMADYN D PT2 technology processor module for legacy digital control systems. It is a discontinued product and must be matched to the documented rack and project configuration. |
| Which product family includes 6DD1606-1AA0? | The official manufacturer record identifies it within the SIMADYN D PT2 Technology Processor family.                                                                                                       |
| Which exact identity must be retained?      | Record the complete Siemens 6DD1606-1AA0 marking; do not shorten or replace the suffix.                                                                                                                    |
| Which key technical value is documented?    | Module type: SIMADYN D processor module PT2 technology.                                                                                                                                                    |

# FAQ and Manufacturer Source

| QUESTION                                 | ANSWER                                                                                                                                |
|------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------|
| What must be checked before removal?     | Record the slot, connectors, terminals, companion hardware and configured function from the installed system.                         |
| Can a nearby model be substituted?       | No. A different suffix or family member requires documented electrical, mechanical, firmware and interface approval.                  |
| What installation controls are required? | Use the current manufacturer procedure, approved maintenance state, ESD controls and the documented wiring and grounding arrangement. |
| What confirms successful commissioning?  | Identity and connections match the record, diagnostics pass and the controlled functional test has no unexplained fault.              |

## MANUFACTURER SOURCE RECORD

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Siemens SiePortal exact product record; discontinued product

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