

6ES7414-1XG02-0AB0

CPU Module

Siemens 6ES7414-1XG02-0AB0 is a SIMATIC S7-400 CPU 414-1 with 128 KB working memory and an MPI interface. Preserve the complete firmware and project configuration when replacing this legacy CPU.

BRAND	Siemens	DOCUMENT	TECHNICAL REFERENCE
MODEL	6ES7414-1XG02-0AB0	PRODUCT	CPU Module
FAMILY	SIMATIC S7-400 CPU 414-1	SOURCE	Siemens SiePortal exact product record; SIMATIC S7-400 CPU 414-1

MANUFACTURER SOURCE RECORD

Siemens 6ES7414-1XG02-0AB0 Product Details
Siemens SiePortal exact product record; SIMATIC S7-400 CPU 414-1

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Product Overview

SYSTEM FUNCTION

Siemens 6ES7414-1XG02-0AB0 is a SIMATIC S7-400 CPU 414-1 with 128 KB working memory and an MPI interface. Preserve the complete firmware and project configuration when replacing this legacy CPU.

FUNCTION 1

CPU 414-1 processing

FUNCTION 2

128 KB working memory

FUNCTION 3

MPI communication

FUNCTION 4

S7-400 rack integration

TECHNICAL NOTE

Related Products on Apter Power

Use only the complete Siemens 6ES7414-1XG02-0AB0 identity and the current manufacturer documentation. Confirm installed hardware, wiring, firmware or parameter.

MODEL	APTER POWER PAGE
Siemens 562-001	View Siemens 562-001
Siemens 6AG1195-7HD10-2XA0	View Siemens 6AG1195-7HD10-2XA0
Siemens 6AR1304-0CA00-0AA0	View Siemens 6AR1304-0CA00-0AA0
Siemens 6AR1306-0DC00-0AA0	View Siemens 6AR1306-0DC00-0AA0
Siemens 6AU1435-2AD00-0AA0	View Siemens 6AU1435-2AD00-0AA0

Technical Data and Acceptance

PARAMETER	VERIFIED VALUE
Complete model	6ES7414-1XG02-0AB0
Controller family	SIMATIC S7-400
CPU	CPU 414-1
Working memory	128 KB
Integrated interface	MPI
Hardware version	Version 9 listed for this order number
DPV1 mode	Not supported for this older CPU; use the GSD-file path documented by Siemens

ENGINEERING BOUNDARY

Use only the complete Siemens 6ES7414-1XG02-0AB0 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 6ES7414-1XG02-0AB0 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 automation	Executes an approved S7-400 control program.
Machine sequencing	Runs configured sequence and interlock logic.
MPI networking	Communicates through the documented MPI interface.
Legacy maintenance	Maintains an installed CPU 414-1 project.

Model-Specific FAQ - Part 1

QUESTION	ANSWER
What is Siemens 6ES7414-1XG02-0AB0?	Siemens 6ES7414-1XG02-0AB0 is a SIMATIC S7-400 CPU 414-1 with 128 KB working memory and an MPI interface. Preserve the complete firmware and project configuration when replacing this legacy CPU.
Which product family includes 6ES7414-1XG02-0AB0?	The official manufacturer record identifies it within the SIMATIC S7-400 CPU 414-1 family.
Which exact identity must be retained?	Record the complete Siemens 6ES7414-1XG02-0AB0 marking; do not shorten or replace the suffix.
Which key technical value is documented?	Controller family: SIMATIC S7-400.

Related Products on Apter Power

MODEL	APTER POWER PAGE
Siemens 6AU1455-2AD00-0AA0	View Siemens 6AU1455-2AD00-0AA0
Siemens 6AV2123-2DB03-0AX0	View Siemens 6AV2123-2DB03-0AX0
Siemens 6AV2124-0GC01-0AX0	View Siemens 6AV2124-0GC01-0AX0
Siemens 6AV2124-0JC01-0AX0	View Siemens 6AV2124-0JC01-0AX0
Siemens 6AV2124-0MC01-0AX0	View Siemens 6AV2124-0MC01-0AX0

FAQ, Related Products and 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

Siemens 6ES7414-1XG02-0AB0 Product Details
Siemens SiePortal exact product record; SIMATIC S7-400 CPU 414-1

Related Products on Apter Power

MODEL	APTER POWER PAGE
Siemens 6AV2124-0QC02-0AX0	View Siemens 6AV2124-0QC02-0AX0
Siemens 6AV2124-0QC02-0AX1	View Siemens 6AV2124-0QC02-0AX1
Siemens 6AV2124-0UC24-1AX0-6AV7424-7GA03-0AS0	View Siemens 6AV2124-0UC24-1AX0-6AV7424-7GA03-0AS0
Siemens 6AV2124-1MC01-0AX0	View Siemens 6AV2124-1MC01-0AX0
Siemens 6AV3503-1DB10	View Siemens 6AV3503-1DB10
Siemens 6AV3617-1JC20-0AX1	View Siemens 6AV3617-1JC20-0AX1
Siemens 6AV3627-1LK00-1AX0	View Siemens 6AV3627-1LK00-1AX0
Siemens 6AV6542-0AG10-0AX0	View Siemens 6AV6542-0AG10-0AX0
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