

IC697CPX782

Series 90-70 CPU Module

GE IC697CPX782 is a Series 90-70 PLC CPU module with user flash memory and three serial communication ports. Manufacturer product information for releases 8.00 and 8.10 defines the compatible programming software, firmware behavior and companion-module requirements.

BRAND	GE	MODEL	IC697CPX782
PRODUCT	Series 90-70 CPU Module	FAMILY	Series 90-70
OFFICIAL SOURCE	GE Fanuc IC697CPX782 Important Product Information	RECORD	GFK-1432E/G, CPX782 releases 8.00 and 8.10

DOCUMENT SCOPE

Official technical evidence, controlled engineering checks, model-specific FAQ and related product navigation.

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Product Overview and Applications

SYSTEM FUNCTION

GE IC697CPX782 is a Series 90-70 PLC CPU module with user flash memory and three serial communication ports. Manufacturer product information for releases 8.00 and 8.10 defines the compatible programming software, firmware behavior and companion-module requirements.

FUNCTION 1

Executes Series 90-70 PLC logic with user flash memory

FUNCTION 2

Provides additional serial ports for configured communications

FUNCTION 3

Supports current and previous firmware-release features

FUNCTION 4

Requires documented programming and companion-module compatibility

APPLICATION	ENGINEERING CONTEXT
Series 90-70 control	Runs the approved PLC application in a compatible VME rack.
Serial integration	Uses the configured CPU serial ports for approved device communications.
Flash-backed application	Stores approved logic and configuration in user flash memory.
Legacy CPU replacement	Restores an identical CPX782 after firmware and companion-module checks.

Technical Data and Acceptance

PARAMETER	VERIFIED VALUE
Controller family	Series 90-70
Module type	PLC CPU module
Documented releases	Firmware 8.00 and 8.10 product information
Serial interfaces	Ports 1 and 2 plus the standard programmer port
Memory function	User flash supports logic, configuration, reference tables, passwords and OEM key
Windows programming software	Version 2.2 or later for the cited 8.00 release
MS-DOS programming software	IC697 version 7.02 or later for the cited 8.00 release
Companion CMM/PCM revision	Revision F or later recommended by the product information

Acceptance Path

1 IDENTITY

The complete IC697CPX782 marking and revision agree with the engineering record.

2 COMPATIBILITY

System position, companion hardware and interfaces match the manufacturer documentation.

3 CONFIGURATION

Saved values, channel mappings and protection limits are restored without unexplained change.

4 FUNCTIONAL PROOF

Diagnostics and the model-specific controlled test pass without unexplained fault.

Precautions and Model-Specific FAQ

NO.	PRECAUTION	QUESTION	ANSWER
1	Verify the complete IC697CPX782 suffix and firmware release.	What is GE IC697CPX782?	It is a Series 90-70 PLC CPU module covered by the GFK-1432 release-specific product information.
2	Back up logic, hardware configuration, reference data and user flash contents.		
3	Confirm the installed programming-software version supports the CPU release	Which GE IC697CPX782 firmware releases are documented by GFK-1432E/G?	Those revisions cover releases 8.00 and 8.10, including release-specific compatibility and operating notes.
4	Record all serial-port parameters before removal.		
5	Check PCM and CMM companion-module revision compatibility.	What can GE IC697CPX782 user flash store?	The product information identifies program logic, configuration data, reference tables, passwords and the OEM key.
6	Use the documented Series 90-70 rack and slot arrangement.		
7	Restore memory-protect and operating-mode settings exactly.	Which programming software is cited for GE IC697CPX782 release 8.00?	Windows programming software 2.2 or later and IC697 MS-DOS software 7.02 or later are cited.
8	Verify communications, I/O scan and the controlled machine sequence before release.		

Related Products on Apter Power

MODEL	APTER POWER PAGE
General Electric IC693ALG391	View General Electric IC693ALG391
General Electric IC693ALG391G	View General Electric IC693ALG391G
General Electric IC693CMM321-KM	View General Electric IC693CMM321-KM
General Electric IC693MDL742	View General Electric IC693MDL742
General Electric IC694ALG221A	View General Electric IC694ALG221A
General Electric IC694MDL645A	View General Electric IC694MDL645A

FAQ, Related Products and Sources

QUESTION	ANSWER
Why must GE IC697CPX782 PCM and CMM revisions be checked?	Older companion modules can have compatibility or performance issues with the CPX CPU timing and memory features.
What must be backed up before replacing GE IC697CPX782?	Back up logic, configuration, reference data, flash contents, passwords and every serial-port setting.
What confirms successful commissioning of GE IC697CPX782?	Normal CPU status, verified flash contents, stable communications and a controlled I/O/function test confirm release.

MANUFACTURER SOURCE RECORDS

GE Fanuc IC697CPX782 Important Product Information - GFK-1432E/G, CPX782 releases 8.00 and 8.10
GE Fanuc IC697CPX782 Data Sheet - GFK-1431

Related Products on Apter Power

MODEL	APTER POWER PAGE
General Electric IC694MDL645D	View General Electric IC694MDL645D
General Electric IC694PWR321	View General Electric IC694PWR321
General Electric IC695NIU001-ADAD	View General Electric IC695NIU001-ADAD
General Electric HE693ADC415	View General Electric HE693ADC415
General Electric HE693SNP900	View General Electric HE693SNP900
General Electric HE693THM884G	View General Electric HE693THM884G
General Electric IC693ACC302B	View General Electric IC693ACC302B
General Electric IC693ALG223	View General Electric IC693ALG223

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