GE Series 90-70 Series Service Manual

IC697CPU772

1. Description

The GE Fanuc IC697CPU772 module is a CPU module. The IC697CPU772 supports a maximum 512 kilobytes of user memory.

2. Specifications

Specification	Value
Brand	**GE Fanuc**
Series	**Series 90-70**
Part	**Number IC697CPU772**
Product	**type CPU module**
Compatibility	**GE Fanuc 90-70 PLCs**
Voltage	**input 5 Volts DC**
Current	**draw 1.2 Amps**
Maximum	**battery 512 kilobytes**
Clock	**speed 12 Megahertz**
Microprocessor	**80C186**
Serial	**port 1**
The	**IC697CPU772 module is a CPU module which is compatible with Series 90-70 programmable logic controllers from GE Fanuc. The Series 90-70 product line is a family of PLCs and PLC components which provide a full-function controller that is easy to configure and install in any system. The Series 90-70 PLCs are designed to be compatible with other PLCs which form part of the larger GE Fanuc Series 90 PLC family. The Series 90-70 line includes a large number of different PLC system components including CPU modules, racks. I/O systems, power supplies, Genius I/O, and numerous optional modules. The architecture of the CPU modules is based on the Intel 80X86 or 80X86DX processor. The IC697CPU772 module uses an 80C186 microprocessor with a 1**

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Technical specifications for IC697CPU772

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Series Series 90-70

Part Number IC697CPU772

Product type CPU module

Compatibility GE Fanuc 90-70 PLCs

Voltage input 5 Volts DC

Current draw 1.2 Amps

Maximum battery 512 kilobytes

Clock speed 12 Megahertz

Microprocessor 80C186

Serial port 1

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The IC697CPU772 module takes up one slot in the PLC rack. Floating point operations are supported on the CPU module. The system memory is expandable because 64, 128, 256, and 512 KB CMOS expansion memory modules can be installed on the IC697CPU772 module. A replaceable system battery provides backup power to the program and data memory in case the system power is removed. The old battery must be removed before the replacement battery is installed. The current required by the IC697CPU772 module from the 5 Volts DC bus is 1.2 Amps. This current requirement includes the current consumed by the expansion memory. The IC697CPU772 module is configured through either MS-DOS or Microsoft Windows based programming tools. To ensure there are no deviations from the programmed configuration, the CPU verifies the actual configuration at boot-up and periodically during system operation. The integrated serial port can be used to interface with a serial programmer.