GE Series 90-70 Series Service Manual

IC697MEM733

1. Description

The IC697MEM733 memory module is a CMOS expansion memory module. It is classified under GE Fanuc Series 90-70.

2. Specifications

Specification	Value
Brand	**GE Fanuc**
Series	**Series 90-70**
Part	**Number IC697MEM733**
Shelf	**Life 10 Years at 20 degrees Celsius**
Memory	**Retention 6 Months Nominal Without Applied Power**
Bus	**Current 2.25 Amps**
Data	**Storage Supported**
Program	**Storage Supported**
Daughterboard	**Operation Supported**
Battery	**Type Lithium**
The	**IC697MEM733 memory module is a 256 KB CMOS expansion memory module made by GE Fanuc. Classified under Series 90-70, the IC697MEM733 memory module is used for providing logic and data memory. It is often used on the GE 789, 788, 782, 781, and the 780 CPU modules, where it is installed as a daughterboard and placed in the same slot as the CPU module that it serves. The IC697MEM733 memory module does not require any additional installation slot. This memory expansion module is configurable for data or program storage. The IC697MEM733 memory module also comes with a lithium battery that is usually placed on the baseboard housing. The lithium battery is important when it comes to ensuring memory retention, pa**

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Technical specifications for IC697MEM733

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Series Series 90-70

Part Number IC697MEM733

Shelf Life 10 Years at 20 degrees Celsius

Memory Retention 6 Months Nominal Without Applied Power

Bus Current 2.25 Amps

Data Storage Supported

Program Storage Supported

Daughterboard Operation Supported

Battery Type Lithium

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If there is a power loss, the lithium battery ensures that the user memory in the IC697MEM733 module remains intact. In addition, the lithium battery is responsible for ensuring that the calendar clock is retained and there is no need to reset the date and time on a PLC whenever the CPU has to be restarted. The IC697MEM733 memory module comes with a battery life of about 10 years if it is maintained at 20 degrees Celsius or 68 degrees Fahrenheit. The memory can then be retained for up to 6 months without power being applied. The flash memory in the module is retained in the case of power loss with or without the battery. Before removing the battery for replacement, it is crucial to install the new battery before the removal of the existing one to avoid any memory loss.