

Installation Identity and Scope

GE IC697MEM715 is a 128 KB CMOS expansion-memory daughter board for supported Series 90-70 CPU and programmable coprocessor modules. It expands program and data storage without occupying an additional rack slot.

INSTALLATION IDENTITY	REQUIRED VALUE
Complete model	IC697MEM715
Manufacturer	GE
Hardware type	128 KB CMOS Expansion Memory
System family	GE Fanuc Series 90-70
Official source	GE Fanuc publication GFK-0160F; Series 90-70 Data Sheet Manual GFK-0600F

CONTROLLED ENGINEERING COPY

Install IC697MEM715 on the documented base module only after rack power is removed and the retained program is backed up. Verify CPU or PCM compatibility, memory configuration and battery-backed retention before returning the controller to service.

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IC697MEM715

Pre-Installation Plan

NO.	REQUIRED ACTION
1	Confirm the complete IC697MEM715 marking and the supported base-module part number before work.
2	Back up the retained program and configuration before removing rack power.
3	Remove all rack power before installing or removing the daughter board.
4	Use ESD controls and avoid contact with CMOS components and connector fingers.
5	Verify the base-module battery condition before relying on retained memory.

Matched Hardware

CONTROL ITEM	REQUIRED RECORD
Identity	IC697MEM715
Physical interface	IC697CPU771, IC697CPU772 or documented IC697PCM711-family base module
Companion check	Base-module battery and daughter-board connectors
Configuration	Program/data memory allocation
Functional proof	Application restore and controller run test

RELEASE HOLD POINT

Do not disturb the installed device until the exact marking, connections, companion hardware and configured function are documented.

Wiring and Interface Checks

CHECK	MODEL-SPECIFIC REQUIREMENT
Base module	Match IC697MEM715 to a supported CPU or PCM before opening the module.
Power state	Remove rack power and verify the controller is de-energized.
Memory backup	Save the application and configuration before disturbing retained memory.
Connector seating	Align and seat both daughter-board connectors without offset or bent pins.
Retention battery	Confirm the correct battery is connected and serviceable on the base module.
Configuration	Verify the configured program/data allocation recognizes 128 KB.
Restore	Reload the approved application only after memory diagnostics pass.
Release	Prove controller state, I/O scan and application behavior under controlled conditions.

CONFIGURATION BOUNDARY

Install IC697MEM715 on the documented base module only after rack power is removed and the retained program is backed up. Verify CPU or PCM compatibility, memory configuration and battery-backed retention before returning the controller to service.

Expected Technical Values

PARAMETER	VALUE
Memory capacity	128 KB
Memory technology	CMOS RAM
Installation format	Daughter board on supported base module
Rack slots required	No additional slot

Commissioning and Acceptance

TEST	ACCEPTANCE CONDITION
Identity	IC697MEM715 and the supported base module are recorded.
Capacity	The controller reports the documented 128 KB expansion.
Retention	Battery status and retained-memory behavior are acceptable.
Functional proof	The approved application loads and runs without memory fault.

Technical Questions to Resolve

QUESTION	ENGINEERING ANSWER
What capacity does GE IC697MEM715 add?	IC697MEM715 provides 128 KB of CMOS expansion memory.
Does GE IC697MEM715 consume another rack slot?	No. It installs as a daughter board on the supported CPU or PCM and uses no additional chassis slot.
Which CPUs are documented for GE IC697MEM715?	The expansion-memory data sheet lists IC697CPU771 and IC697CPU772 among the supported base modules.
Can GE IC697MEM715 be used with a programmable coprocessor module?	Yes. The manufacturer data sheet includes supported IC697PCM711-family programmable coprocessor modules.

Source, Related Products and Release

MODEL	APTER POWER PAGE
8021-ce-lh	View 8021-ce-lh
8810-hi-tx-01	View 8810-hi-tx-01
8811-io-dc	View 8811-io-dc
8851-lc-mt	View 8851-lc-mt
ds200tceag1bsf	View ds200tceag1bsf
ic600bf843	View ic600bf843
ic693alg391	View ic693alg391
ic693alg391g	View ic693alg391g

MANUFACTURER SOURCE RECORD

Series 90-70 Expansion Memory Data Sheet
GE Fanuc publication GFK-0160F; Series 90-70 Data Sheet Manual GFK-0600F

Controlled Release Summary

RELEASE ITEM	REQUIRED EVIDENCE
Identity	IC697MEM715 recorded
Interface	Connections and companion hardware verified
Configuration	Installed values agree with approved record
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