IC697MEM715

128 KB CMOS Expansion Memory

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.

BRAND	GE	ORIGIN	USA
MODEL	IC697MEM715	HS CODE	8537101190
FAMILY	GE Fanuc Series 90-70	SHIP FROM	Xiamen, Fujian, China

MANUFACTURER SOURCE RECORD

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

APTER POWER SALES TEAM

WHATSAPP / PHONE +86 180 3023 531

EMAIL sales13@apterpower.com

WEBSITE www.apterpower.com

IC697MEM715

Product Overview

SYSTEM FUNCTION

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.

FUNCTION 1

Adds 128 KB of battery-backed CMOS memory

FUNCTION 2

Mounts as a daughter board without consuming another rack slot

FUNCTION 3

Supports documented Series 90-70 CPU and PCM modules

FUNCTION 4

Can be configured for program and data storage

TECHNICAL NOTE

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.

Technical Data and Acceptance

PARAMETER	VERIFIED VALUE
Memory capacity	128 KB
Memory technology	CMOS RAM
Installation format	Daughter board on supported base module
Rack slots required	No additional slot
Supported CPU modules	IC697CPU771 and IC697CPU772
Supported coprocessor	IC697PCM711 family
Memory use	Program and data memory
Retention source	Battery on the base module
Battery shelf life	10 years at 20 °C
Nominal retention without power	6 months

ENGINEERING 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.

Acceptance Path

1 IDENTITY

IC697MEM715 and the supported base module are recorded.

2 CAPACITY

The controller reports the documented 128 KB expansion.

3 RETENTION

Battery status and retained-memory behavior are acceptable.

4 FUNCTIONAL PROOF

The approved application loads and runs without memory fault.

Applications and Engineering FAQ

APPLICATION	ENGINEERING CONTEXT
Series 90-70 program expansion	Adds retained memory to a compatible CPU when the installed application exceeds base memory.
PCM application storage	Expands supported programmable coprocessor memory for documented logic or data duties.
Legacy controller maintenance	Restores the exact 128 KB daughter-board configuration in an installed Series 90-70 system.
Controlled memory migration	Supports a documented backup, replacement and restore process without adding another chassis slot.

Model-Specific FAQ — Part 1

QUESTION	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.

FAQ, Related Products and Source

QUESTION	ANSWER
How is GE IC697MEM715 retained when rack power is removed?	The memory is retained by the battery installed on the base CPU PCM module.
What nominal unpowered retention is published for GE IC697MEM715?	The data sheet specifies a nominal six-month retention period, subject to battery condition and service history.
Can GE IC697MEM715 be configured for both program and data?	Yes. The supported base module can allocate the expansion memory for program and data storage.
What evidence should be recorded after replacing GE IC697MEM715?	Record the base-module identity, memory capacity, battery status restored application, configured allocation and successful controll test.

Related Products on Apter Power

MODEL	APTER POWER PAGE
ic693cmm321-km	View ic693cmm321-km
ic693mdl742	View ic693mdl742
ic694alg221a	View ic694alg221a
ic694mdl645a	View ic694mdl645a
ic694mdl645d	View ic694mdl645d
ic694pwr321	View ic694pwr321
ic695niu001-adad	View ic695niu001-adad
he693adc415	View he693adc415

MANUFACTURER SOURCE RECORD

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

APTER POWER SALES TEAM

WHATSAPP / PHONE +86 180 3023 5313

EMAIL sales13@apterpower.com

WEBSITE www.apterpower.com

IC697MEM715