

INDUSTRIAL AUTOMATION PRODUCT

IC697MEM717

Series 90-70 256 KB CMOS expansion memory

Battery-retained controller program and data memory

IDENTITY	VERIFIED VALUE
Manufacturer	General Electric
System family	GE Fanuc Series 90-70 memory
Part number	IC697MEM717
Country	USA
HS code	8537101190

APTER POWER SALES TEAM

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Technical Specifications

Technical values below are limited to the named General Electric product record.

PARAMETER	TECHNICAL VALUE
Memory capacity	256 KB
Memory technology	Battery-backed CMOS RAM
Compatible CPUs	IC697CPU771; IC697CPU772
Compatible coprocessor	IC697PCM711
Installation	Daughterboard on host module
Additional rack slots	0
Retention source	Battery on host module
Error checking	CPU checksum routine

ENGINEERING DATA SUMMARY

DATA GROUP	VERIFIED ASSIGNMENT
Installed host / carrier	IC697CPU771 or IC697CPU772
Companion hardware	IC697PCM711 where applicable
Field connection	host-module battery
Primary system function	Adds 256 KB of CMOS memory
Controlled acceptance duty	CPU logic-memory expansion

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System Role and Architecture

Battery-retained controller program and data memory

FUNCTION 1

Adds 256 KB of CMOS memory

FUNCTION 2

Mounts directly on the host module

FUNCTION 3

Uses the host battery for retention

FUNCTION 4

Supports CPU checksum error detection

Matched system components

- IC697CPU771 or IC697CPU772
- IC697PCM711 where applicable
- host-module battery
- approved controller memory configuration

SYSTEM INTEGRATION RECORD

INTEGRATION ITEM	DOCUMENTED ROLE
Installed host / carrier	IC697CPU771 or IC697CPU772
Companion hardware	IC697PCM711 where applicable
Field connection	host-module battery
Primary system function	Adds 256 KB of CMOS memory
Controlled acceptance duty	CPU logic-memory expansion

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Applications and Engineering Context

CPU logic-memory expansion

Adds 256 KB of CMOS memory

Data-table capacity increase

Mounts directly on the host module

Programmable coprocessor storage

Uses the host battery for retention

Memory daughterboard replacement

Supports CPU checksum error detection

TECHNICAL NOTE

Remove power, verify the host battery and discharge controls, protect daughterboard contacts from ESD, and restore the approved memory allocation.

MODEL-SPECIFIC ACCEPTANCE EVIDENCE

CHECK	ACCEPTANCE CONDITION
Identity	IC697MEM717 / IC697MEM717 recorded
Physical interface	IC697CPU771 or IC697CPU772
Companion check	IC697PCM711 where applicable
Functional proof	Adds 256 KB of CMOS memory
Application test	CPU logic-memory expansion

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Engineering Precautions

1

Verify the complete IC697MEM717 marking and its assigned GE Fanuc Series 90-70 memory position before work.

2

Place the connected cpu logic-memory expansion process in the approved maintenance state.

3

Isolate applicable power and battery-retained controller program and data memory field energy before disconnecting conductors.

4

Record connector, conductor, address, firmware and software identities before removal.

5

Use ESD controls and protect keyed interfaces, exposed contacts and electronic assemblies.

RELATED PRODUCTS ON APTER POWER

MODEL	SYSTEM ROLE	APTER POWER PAGE
GE DS200SBCBG1ADC	Related industrial automation product	View GE DS200SBCBG1ADC page
GE DS200PCTMG1AAA	Related industrial automation product	View GE DS200PCTMG1AAA page
GE DS200PCCAG9ACB	Related industrial automation product	View GE DS200PCCAG9ACB page
GE DS200FCRRG1AKD	Related industrial automation product	View GE DS200FCRRG1AKD page
GE DS200ADGIH1AAA	Related industrial automation product	View GE DS200ADGIH1AAA page
GE A06B-0104-B111-7000	Related industrial automation product	View GE A06B-0104-B111-7000 page
Woodward 8200-226	Related industrial automation product	View Woodward 8200-226 page
Fanuc A86L-0001-0235	Related industrial automation product	View Fanuc A86L-0001-0235 page

MANUFACTURER SOURCE RECORD

GE Fanuc Series 90-70 memory expansion data sheet

IC697MEM717 module data

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