

SERIES 90-70

Product Data Sheet

IC697CGR935

96 MHz Hot-Standby CPU

PROCESSOR ARCHITECTURE	PROCESSOR CLOCK	CPU WORD WIDTH	USER LOGIC RAM
80486DX4	96 MHz	32 bit	1 Mbyte

GE Fanuc IC697CGR935 is a 96 MHz, 32-bit CPU for hot-standby redundancy applications in the Series 90-70 PLC platform. It executes the configured control program and supports redundant-system continuity through the documented companion hardware and configuration.

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VERIFIED TECHNICAL DATA

Processor architecture	80486DX4
Processor clock	96 MHz
CPU word width	32 bit
User logic RAM	1 Mbyte
Non-volatile user flash memory	None
Discrete I/O capacity	12288 points
Analog I/O capacity	8 Kbytes
Boolean execution time	0.4 micros per Boolean function
Embedded communication protocol	SNP serial
Serial interface arrangement	1 RS-232 and 2 RS-485 ports

ADDITIONAL PRODUCT DATA

CPU redundancy mode	Hot standby
Redundancy scan extension	4.7 ms
Required 5 V bus current	3.1 A
Floating-point math	Supported
Release 7.60 programming software	IC641SWP 7.01+ / IC641CTL 2.10+

DOCUMENTED USE SETTINGS

Chemical Production and Process Manufacturing: Industrial Chemical Production.

Petroleum Production and Natural Gas Processing: Petroleum Refining and Processing.

Electricity Generation and Industrial Energy Production: Thermal Electric Power Generation.

SYSTEM COMPATIBILITY

Identify IC697CGR935 and both redundant system configurations. Confirm the Series 90-70 racks, companion redundancy hardware, firmware and I/O network.

PRODUCT EVIDENCE

GE Fanuc Controller and I/O Solutions catalog p.77 (PDF p.78); GFK-1440A release 7.60 notes, May 1 1998

AMIKON PRODUCT SUPPORT

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