MANUFACTURER DOCUMENT PACKAGE

Manufacturer's Manual

Reference package for procurement and maintenance review

GENERAL ELECTRIC

IC693CPU364

ETHERNET PLC CPU MODULE

Used with the applicable Series 90-30 configuration.

REFERENCE PACKAGE

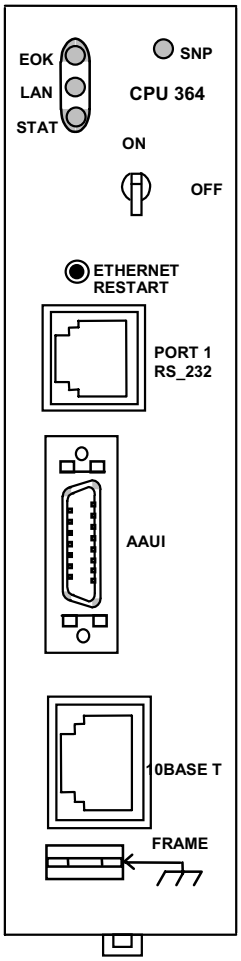
OFFICIAL DOCUMENT

Selected official manufacturer pages follow this cover.

Source: GE Fanuc GFK-0356Q, CPU364 specifications, section 5-39

CPU364 Catalog Number IC693CPU364

CPU Type	Single slot CPU module with embedded Ethernet Interface
Total Baseplates per System	8 (CPU baseplate + 7 expansion and/or remote)
Load Required from Power Supply	1.51 Amps from +5 VDC supply
Processor Speed	25 MegaHertz
Processor Type	80386EX
Ethernet fuse, replaceable	2.69x2.69x6.1 mm, 125V, 1A, slow acting
Operating temperature	0 to 60 degrees C (32 to 140 degrees F) ambient
Typical Scan Rate	0.22 milliseconds per 1K of logic (boolean contacts)
User Memory (total)	240K Bytes. Note: Actual size of available user program memory depends on the amounts configured for %R, %AI, and %AQ configurable word memory types (see below).
Discrete Input Points - %I	2,048
Discrete Output Points - %Q	2,048
Discrete Global Memory - %G	1,280 bits
Internal Coils - %M	4,096 bits
Output (Temporary) Coils - %T	256 bits
System Status References - %S	128 bits (%S, %SA, %SB, %SC - 32 bits each)
Register Memory - %R	Configurable in 128 word increments from 128 to 16,384 words with Logicmaster and from 128 to 32,640 words with Control version 2.2.
Analog Inputs - %AI	Configurable in 128 word increments from 128 to 16,384 words with Logicmaster and from 128 to 32,640 words with Control version 2.2.
Analog Outputs - %AQ	Configurable in 128 word increments from 128 to 16,384 words with Logicmaster and from 128 to 32,640 words with Control version 2.2.
System Registers (for reference table viewing only; cannot be referenced in logic program)	28 words (%SR)
Timers/Counters	>2,000
Shift Registers	Yes
Built-in Serial Ports	1 (uses connector on PLC Power Supply). Supports SNP/SNPX slave. Requires CMM module for SNP/SNP-X master, RTU slave, or CCM; PCM module for RTU master support.
Communications	*Ethernet (*internal*)* - AAUI or 10BASE-T. AAUI requires external transceiver. 10BASE-T is direct. *Ethernet* (additional) - Supports Ethernet option modules. *LAN*-Requires option modules for Genius, Profibus, FIP.
Override	Yes
Battery Backed Clock	Yes
Interrupt Support	Supports the periodic subroutine feature.
Type of Memory Storage	RAM and Flash
PCM/CCM Compatibility	Yes
Floating Point Math Support	Yes, firmware-based.



Note: On some early modules, the LED labeled "PS PORT" may say "SNP" instead; otherwise, the modules are identical.