ARTISAN®
TECHNOLOGY GROUP

Your **definitive** source for quality pre-owned equipment.

Artisan Technology Group
(217) 352-9330 | sales@artisantg.com | artisantg.com

Full-service, independent repair center
with experienced engineers and technicians on staff.

We buy your excess, underutilized, and idle equipment
along with credit for buybacks and trade-ins.

Custom engineering
so your equipment works exactly as you specify.

- Critical and expedited services
- In stock / Ready-to-ship
- Leasing / Rentals / Demos
- ITAR-certified secure asset solutions

Expert team | Trust guarantee | 100% satisfaction

All trademarks, brand names, and brands appearing herein are the property of their respective owners.

Find the *GE Fanuc IC600CB502L* at our website: *Click HERE*

FANUC

Series Six Plus
Programmable Controller

GFK-0145c
October 1988

Logic Control Module

GENERAL DESCRIPTION

The Logic Control module is available in three versions: Advanced, Expanded and Expanded II. The module contains the system clock, a microprogram sequencer, and Programmable Read-Only Memory (PROM). The module provides control and timing signals to the CPU backplane for use by other modules, and microprogram instructions to the Arithmetic Control module through a ribbon cable. The Logic Control module features and benefits are summarized in Table 1.

Refer to Table **3** for Logic Control module specifications.

NOTE

Operation of the system without the ribbon cable connected between the Arithmetic control Module results in unpredictable execution by the CPU.

NOTE

Use of the Expanded II Logic Control Module requires use of Logicmaster 6, Release 4 or later to ensure proper operation.

Table 1. FEATURES AND BENEFITS

FEATURES	BENEFITS
Compatible with most Series Six and Series Six Plus CPUS.	Reduced spare parts inventory cost.
Three Versions Available:	Provides a wide range of firnctions.
Advanced Functions	Includes Basic functions plus logic and signed arithmetic operations, data handling, user I/O control and access to R1025-R8192 via Extended Table Moves.
Expanded Functions	Includes Advanced Functions plus expanded I/O and register addressing, *floating* point arithmetic operations, GENIUS I/O diagnostic functions, and additional communications control functions.
Expanded II Functions	Includes all Advanced Functions plus: Auxiliary I/O oven-ides, dynamic checksum of user logic for changes, active override detection, support of 64K Logic memory, faster solution of Relay Ladder Logic+

Artisan Technology Group - Quality Instrumentation ... Guaranteed | (888) 88-SOURCE | www.artisantg.com

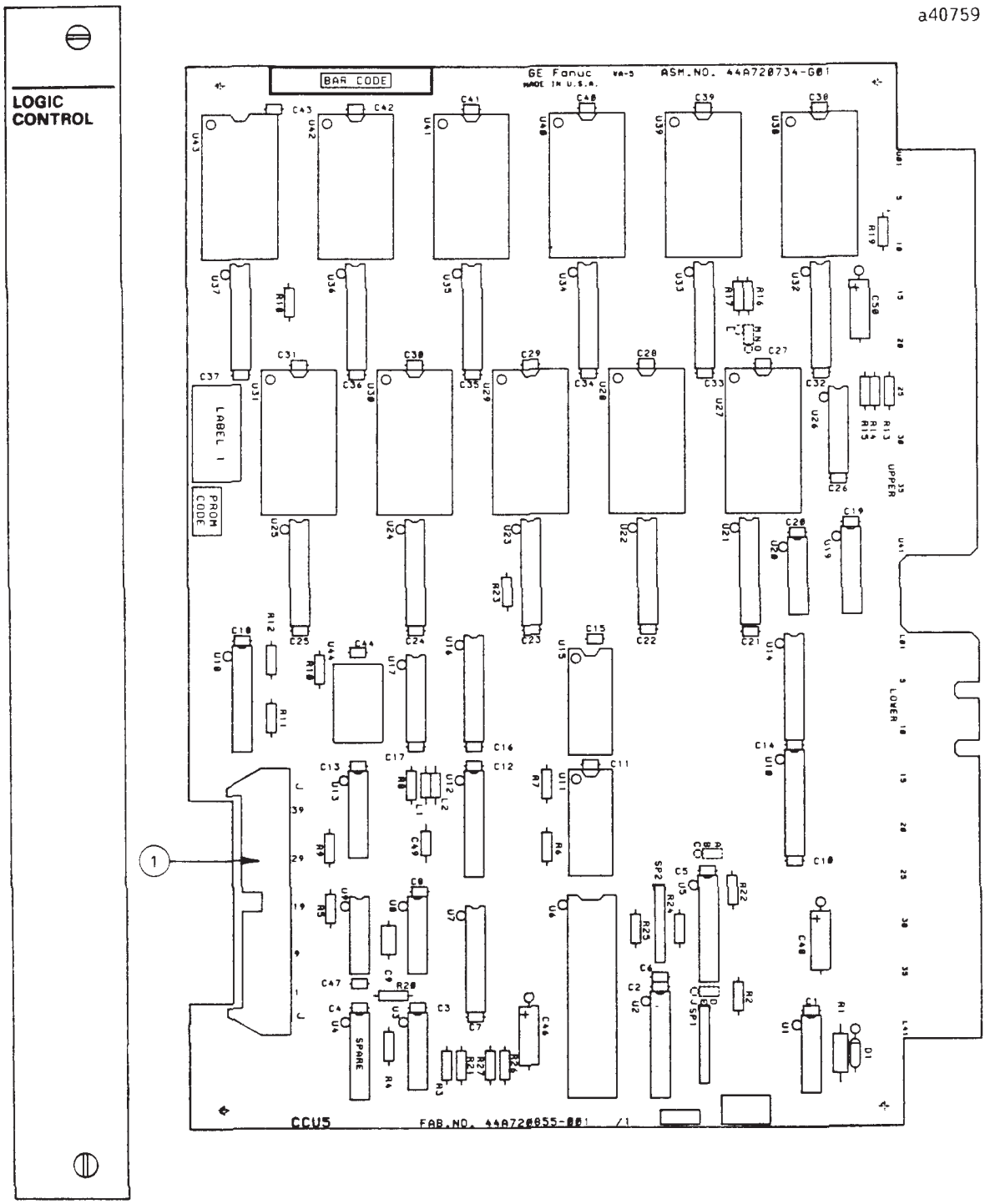


Figure 1. USER ITEMS

Artisan Technology Group - Quality Instrumentation ... Guaranteed | (888) 88-SOURCE | www.artisantg.com

Table 2. SYSTEM COMPATIBILITY

VERSION	SYSTEM USE
Advanced	AlI CPU racks
Expanded	All CPU racks
Expanded II	Requires: 1. IC6OOCB524K or later Arithmetic Control Module. 3. IC6OOLX---K or later Logic Memory Modules. 3. IC6OOCP630, CP62-, or CP61- CPU rack 4. Logicmaster 6 Release 4 or later.

INSTALLATION

The Logic control Module is installed in the CPU Rack, one slot to the right of the Arithmetic control Module. To ensure proper installation and removal of the Logic control Module, always use the insertion/extraction tool packaged with the CPU.

When replacing a defective module, the ribbon connector must be disconnected before removing the module.

After inserting a replacement module, the ribbon connector must be reconnected.

NOTE

To prevent unpredictable operation by your Series Six or Series Six Plus CPU, power-down prior to removing or installing the Logic Control module and its ribbon connector.

Table 3. SPECIFICATIONS

Dimensions:	
Circuit Board:	8.15 x 11.0 x 1.20 (inches), 208 x 280 x 31 (mm)
Faceplate:	12.46 x 1.175 (inches), 317 x 30 (mm)
Power Requirements:	5 V DC, .65A, 12 units of load (Supplied by CPU power supply).
Storage Temperature:	-20 to 70C (-4 to 158F)
Operating Temperature:	0 to 60C (32 to 140F)
Humidity:	5% - 95% (non-condensing)

Artisan Technology Group - Quality Instrumentation ... Guaranteed | (888) 88-SOURCE | www.artisantg.com

Table 4. ORDERING INFORMATION

DESCRIPTION	CATALOG NUMBER
Advanced Logic Control Module	JC600CB502L or CB525
Expanded Logic Control Module	IC600CB512L or CB526
Expanded II Logic Control Module	IC600CB515K

CATALOG NUMBER REVISION SUFFIX

The equipment listed above having the catalog numbers shown and the same equipment having a higher alpha suffix is designed for listing by UL for use as auxiliary control devices. The equipment is a direct replacement for equipment having the same catalog number but a lower alpha suffix.

This symbol on the nameplate means the product is listed by Underwriters Laboratories Inc. (UL Standard No. 508, Industrial Control Equipment, subsection Electronic Power Conversion Equipment.)

For further information, contact your local GE Fanuc sales office.

Artisan Technology Group - Quality Instrumentation ... Guaranteed | (888) 88-SOURCE | www.artisantg.com

Artisan Technology Group is an independent supplier of quality pre-owned equipment

Gold-standard solutions

Extend the life of your critical industrial, commercial, and military systems with our superior service and support.

We buy equipment

Planning to upgrade your current equipment? Have surplus equipment taking up shelf space? We'll give it a new home.

Learn more!

Visit us at **artisantg.com** for more info on price quotes, drivers, technical specifications, manuals, and documentation.

Artisan Scientific Corporation dba Artisan Technology Group is not an affiliate, representative, or authorized distributor for any manufacturer listed herein.

We're here to make your life easier. How can we help you today?

(217) 352-9330 | sales@artisantg.com | artisantg.com

ARTISAN® TECHNOLOGY GROUP