



This Datasheet for the

## **[IC693CPU341](#)**

**CPU 341 Module, (80 Kbytes User Memory), 10K Registers, .3 msec/K**

**<http://www.qualitrol.com/shop/p-14633-ic693cpu341.aspx>**

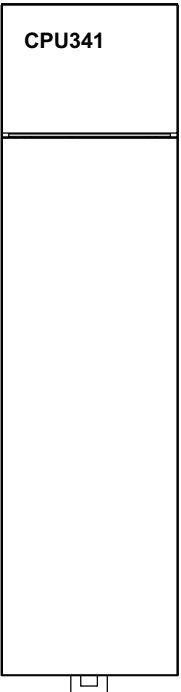
Provides the wiring diagrams and installation guidelines for this GE Series 90-30 module.

For further information, please contact Qualitrol Technical Support at

**1-800-784-9385**

**[support@qualitrol.com](mailto:support@qualitrol.com)**

**CPU341****Catalog Number IC693CPU341**

CPU Type	Single slot CPU module	
Total Baseplates per System	5 (1 CPU baseplate + 4 expansion and/or remote)	
Load Required from Power Supply	490 milliamps from +5 VDC supply	
Processor Speed	20 MegaHertz	
Processor Type	80C188XL	
Operating Temperature	0 to 60 degrees C (32 to 140 degrees F) ambient	
Typical Scan Rate	0.3 milliseconds per 1K of logic (boolean contacts)	
User Program Memory (maximum)	80K Bytes	
Discrete Input Points - %I	512	
Discrete Output Points - %Q	512	
Discrete Global Memory - %G	1280 bits	
Internal Coils - %M	1024 bits	
Output (Temporary) Coils - %T	256 bits	
System Status References - %S	128 bits (%S, %SA, %SB, %SC - 32 bits each)	
Register Memory - %R	9999 words	
Analog Inputs - %AI	1024 words	
Analog Outputs - %AQ	256 words	
System Registers (for reference table viewing only; cannot be referenced in user logic program)	16 words (%SR)	
Timers/Counters	>2000	
Shift Registers	yes	
Built-in Ports	1 (uses connector on PLC power supply). Supports SNP/SNP-X slave protocols. Requires CMM module for SNP/SNP-X master, CCM, or RTU slave support; PCM module for RTU master support.	
Communications	LAN - Supports multidrop. Also supports Ethernet, FIP, Profibus, GBC, GCM, GCM+ option modules.	
Override	yes	
Battery Backed Clock	yes	
Interrupts	yes	
Type of Memory Storage	RAM and optional EPROM or EEPROM for early versions. Starting with hardware version IC693CPU341-J and firmware Release 4.61, only RAM and optional Flash are supported.	
PCM/CCM Compatibility	yes	