

How to Print the Ladder-logic Program from a GE Fanuc Series One PLC

Option 1 – Printer Interface Unit:

The Printer Interface Unit (PIU) is a device that allows a ladder-logic diagram or a Boolean listing of the program stored in a Series One or Series One Junior PLC to be printed using a parallel printer. The PIU attaches to the PLC via the 24-pin connector located on the front of the CPU. The PIU works with every PLC in the Series One family and can be ordered using the GE part number IC610PER151.

Option 2 - LogicMaster 1 Programming Software:

LogicMaster 1 is a DOS-based software application developed and sold by GE Fanuc to facilitate programming and monitoring the operation of a Series One or Series One Junior PLC. LogicMaster 1 can be used in conjunction with the proper communications hardware to view and print the ladder-logic program to either a parallel printer or a text file. The part number for the software alone is IC641PBE324

In order to load a program into the LogicMaster 1 software running on a DOS-based personal computer, it is necessary to connect the computer to the PLC using a serial interface. We have assembled a kit called the QIC610INTKIT that contains all software, converters, and cables necessary to interface a Series One PLC to a personal computer with a serial port. Please [CLICK HERE](#) for more information about our Integrator's Kits for the Series One PLC family.

Option 3 – Portable Programmer:

The Portable Programmer is an optional accessory to the Series One, Series One Junior, and Series Three PLCs that allows ladder-logic programs to be viewed, edited, and printed. With its 5-line, dot-matrix LCD display and rugged, industrialized enclosure, the Portable Programmer is a specialized ladder-logic programming device ideal for use in the field. After loading the program from the PLC using the unit's tape port or serial interface, the program can be printed to any parallel printer. The part number for the Portable Programmer is IC610PRG110.

We also have a kit available that includes additional hardware which may be needed to connect the Portable Programmer to your PLC (QS1PORTABLEKIT); please [CLICK HERE](#) for more information on this and other Integrator's Kits for the Series One PLC family.