

# Low-Cost Programmer FOR Xilinx Serial PROMS

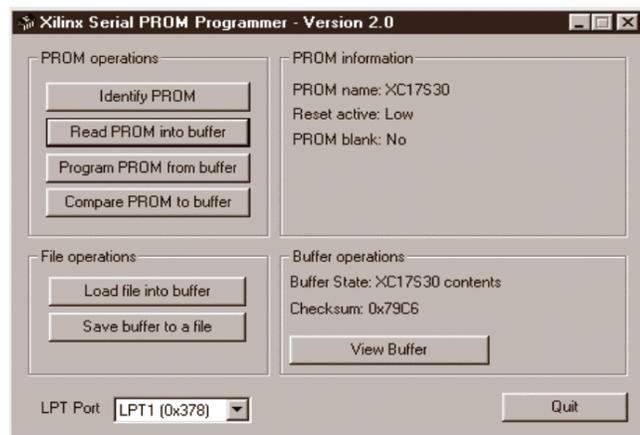
*A low-cost programmer for the entire family of Xilinx XC1700 serial PROMS.*

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The SPROM-MPS programmer from Roman-Jones, Inc. targets the XC1700E/EL(X), XC1701/L, XC17512L, and XC17xx/XL(L) SPROM families. The basic model, shown in Figure 1, accepts 8-pin Dip packages, using a standard machine pin IC socket. A zero insertion force (ZIF) socket is available at a nominal charge. With our optional set of five socket adapters, all package types are accommodated. The compact unit plugs into the parallel printer port of any PC; there are no other cards to install. It operates from a 9V battery, eliminating the need for an AC adapter.

## Software

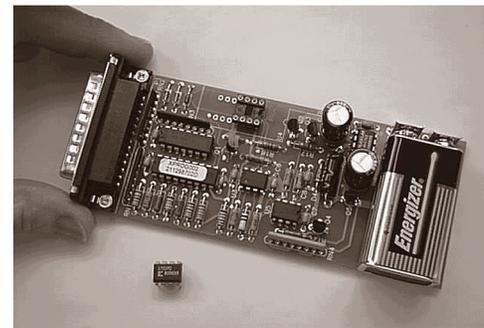
The simple to use application software installs itself from the Web and operates with a graphical user interface under Windows '95, '98, and 'NT. It is downloaded from the Roman-Jones website as an executable (.exe) file. You just double click on *sprom32.exe* from Windows Explorer to run it.



***The corporate website is located at  
www.roman-jones.com.***

This single-window application gives you the following capabilities:

- Parallel port selection.
- Automatic identification of inserted PROM.
- Program device.
- Verify program.
- Load PROM contents into buffer.
- Load Hex (\*.mcs) file into buffer.
- Save buffer to file.
- View buffer contents.



The software accepts the Intel HEX format files generated by the Xilinx PROM File Formatter Utility.

For the Windows NT environment, an additional device driver must be installed before running the application executable. This self-extracting ZIP file with instructions is available from our website.

For DOS users, there is a non-graphics version of the application, *sprom16.exe*, that operates on anything from an old 8088 machine with DOS 2.1 and 265K RAM, to the current Pentium® III machines.

The SPROM-MPS was developed by Roman-Jones, Inc., a Xilinx-recognized consulting company involved in contract engineering for the electronic and computer industry. Roman-Jones, Inc. has several degreed electrical and computer engineers located in Michigan, doing business nation wide. The SPROM-MPS lists for \$99.95 and can be ordered on-line or by phone, 616.326.5194. ☒