

EPROM Programming Notes

1. Programs required to burn EPROMS are located in the subdirectory **EPROM** on the IBM ATs.
2. Create the assembly code in a file type **.ASM**, such as **MYFILE.ASM**.
3. To compile the assembly code, enter the command
XASM65 MYFILE
A summary of any errors found will be given at the end of the compilation. Two files are generated by the compiler. **MYFILE.PRN**, which lists the memory locations and opcodes of the program. Errors are indicated by letters in column 1 of the file. The other file generated is **MYFILE.HEX**, which is used by the EPROM programmer.
4. Once the code is compilable with no errors, plug in the EPROM programmer, and set the t-switch boxes so that your computer's RS-232 line is connected to the programmer.
5. Enter **PGX12** from DOS. This is the EPROM programmer control program.
6. Type **M**, and then type in the menu selection for the EPROM you are going to burn.
7. Insert and EPROM into the programmer and type **V**. This will list the contents of the EPROM's memory. If any program lines are listed the EPROM is not erased. You should start with a fully erased EPROM unless you are purposely burning multiple programs into two separate areas of memory.
8. Use **control-C** to exit the control program.
9. Enter **PGX12 MYFILE** to burn the EPROM with the contents of **MYFILE.HEX**