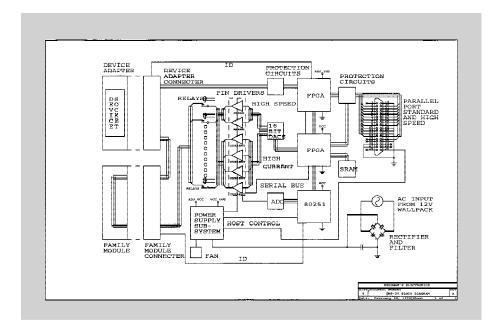
## **EMP-30**

- Supports all Intel Flash memory cards and components
- 2.4V to 5V support in the same unit
- Up to 76 active pins
- Standard parallel printer plug-andplay interface
- Menu-driven interface
- Includes editor and macro functions
- Supports Intel HEX, Binary, Motorola S and JEDEC formats
- Free software updates via BBS and Internet
- Unlimited technical support by phone 8:00am to 5:00pm PS(D)T

The EMP-30, for under \$1,000.00, is for people that need to work with a wide variety of devices both old and new. The EMP-30 has greatly enhanced speed and power capabilities. This allows for older fuse link type technologies as well as the newer anti-fuse technologies. With up to 76 pins that can be driven, very high pincount devices can be supported.

The operating interface, EMP, is DOS-based or functions as a well-behaved DOS application under Windows\*. The included buffer editor allows the data to be placed exactly where you want it and provides HEX and ASCII strings as well as support for SPLITS, SETS AND SWAPS. Included is a flexible macro facility allowing frequently used procedures to be stored, then executed with a key stroke.

The heart of the hardware design are 2 SRAM based dynamic FPGAs. Supported devices all have unique FPGA configuration files that are downloaded to the programmer by EMP as part of the device selection process. When EMP verifies a successful down load, the ground and programming pathways not routed directly through the Family Module are set up through relays. This arrangement guarantees the DAC controlled voltages are accurate and the grounds are solid at the device while programming. After a device



ID check, the appropriate algorithm is taken from the EMP library and given control of the process of programming the device with the contents of the buffer. New devices, or changes to existing devices, are quickly and easily implemented because all devices have library macros that implement programmer configuration and programming algorithms. New macros can easily be added to or deleted from the libraries without changing the other entries.

INTEL FLASH MEMORY SUPPORTED:

28F010, 28F001BX, 28F020, 28F002BC, 28F002BL, 28F002BV, 28F002BX, 28F200BL, 28F200BV, 28F200BX, 28F200CV, 28F004BE, 28F004BL, 28F004BV, 28F004BX, 28F400BX, 28F400BL, 28F400BV, 28F400BX, 28F400CE, 28F400CV, 28F008BE, 28F008BV, 28F008SA, 28F008SC, 28F800BV, 28F800CE, 28F800CV, 28F016SA, 28F016SC, 28F016SV, 28F016XD, 28F016XS, 28F032SA, Series 2 Cards, Series 2+ Cards, Value Series 100 Cards, Series 100 Miniature Cards

AVAILABILITY:

Now

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