EMP-20

- Supports all Intel Flash memory cards and components
- Up to 48 active pins
- Support for Intel Flash cards and Intel based SIMMs
- Standard parallel printer plug-and-play interface
- Menu-driven interface including 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-20 is a low cost, $449.95, device programming tool that supports all Intel Flash memory components, SIMMs, and cards. It also supports microcontrollers, PLD's and other memory devices. Intel's 28F016SV flash memory takes less than a minute to program on an i386™ microprocessor-based PC, and that includes download time. The same part is erased in under 30 seconds. Located in the lower left area is the main device programming station, consisting of a 48 pin ZIF. The ZIF will handle wide or narrow pattern dual in-line devices. Adapters are used to accommodate non-DIP package types. Also in this area is the device "Family Module" connector. The devices that can be programmed at any given time are determined by which Family Module is installed. Family Module boards reconfigure supply voltage, ground and pin driver capabilities for different device families. The EMP-20 can support many device families by simply changing the family module board. The use of relays and discrete DAC-controlled analog drivers provide power and grounds that are rock solid, and as a result the EMP-20 can usually program flash devices at near their theoretical maximum performance.

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 is an SRAM-based dynamic FPGA. Supported devices all have a unique FPGA configuration file. It's downloaded to the programmer by EMP as part of the device selection process.

INTEL FLASH MEMORY SUPPORTED:

28F010, 28F001BX, 28F020, 28F002BC, 28F002BL, 28F002BV, 28F002BX, 28F200BL, 28F200BV, 28F200BX, 28F200CV, 28F004BE, 28F004BL, 28F004BV, 28F004BX, 28F004SC, 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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