dataman-848

turbo gang programmer

flexible reliable programming by dataman

- 8 independent fully isolated 48 pin ZIF sockets
- FLASH,EPROM,EEPROM and 87C5x,89C5x,PIC16Cxx
- Supports both 5V and 3V chips
- High throughput, programs 8 pieces 8Mb flash chips within 45 seconds
- Semi-concurrent programming with auto-sensing/automatic self-start
- Device insertion and continuity test
- Independent modules allow flexible configuration and minimum down-time
- Universal adapters support 48 pin TSOP/44PSOP/40TSOP flash chips
- Project file save/load function
- Parallel port interface with auto switching power supply
- Variable verify voltage with one/two pass
- Runs under a Windows environment- 95/98/NT & 2000
- Software updates available free from the Internet
- Optional handler interface

DATAMAN

AVAILABLE FROM:

INTRODUCTION

The **DATAMAN 848** is a PC based parallel port universal gang programmer. It offers 8 fully isolated 48 pin ZIF sockets, extremely high throughput, standard 5 and 3 Volt chip support, device insertion and continuity check. With PC based design the programmer updates through software giving customers flexible and quick access to new chip support. The **DATAMAN 848** supports EPROM, EEPROM, and FLASH. It is also Intel 87C5x, Amtel 89C5x, and PIC16Cxx microprocessor compatible.

The **DATAMAN 848** has flexible design in mind, if a customer has specialised chips that are not in our standard support list, we can provide a special program that allows the **DATAMAN 848** to become a specialised chips production gang programmer.

TYPICAL SPEEDS

	2M	4M	8M	16M
Blank	3.9 sec	7.1 sec	13.8 sec	27.2 sec
Programming	11.6 sec	22.6 sec	42.7 sec	85.0 sec
Verify	8.5 sec	16.5 sec	32.4 sec	64.4 sec

SPECIFICATIONS

SOCKET AND PIN DRIVER

8 fully isolated 48-pin ZIF sockets with receptacle, over 1M Ohm resistances between each socket.
Four DAC's for Vcc, Vpp1, Vpp2 and Vpp3 with 8-bit resolution.
Vcc range 2V to 7.5V, resolution 50mV.
Over current protect on all voltage sources.
Logic level 5V to 2.7V programmable by software.

DEVICE OPERATION

Read, blank check, insertion/contact check, verify, checksum, erase chip, program, memory protect, edit buffer, configuration, load file, save file, project file load/save.

FILE FORMAT

Binary, Intel HEX, Intel extend HEX, Motorola S, HP64000ABS, TEK HEX, Straight HEX.

PC SYSTEM REQUIREMENT

OS: Windows 95/98, NT and 2000.
CPU: Pentium and above, 16M RAM minimum, 32M recommended.
Hard disk: 8M Byte free space.
Interface: D-25 connector with standard parallel port or ECP/EPP.

GENERAL

Power: 100V to 240Vac, 47-63Hz-auto switch.
Power consumption: 65W.
Operating temperatures: 5 to 45 degrees Celsius.
Safety: CE&LVD certified.
Weight: 8.5Kg net, shipment 10Kg.