#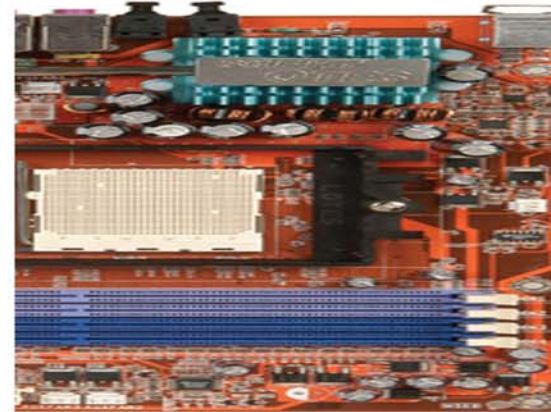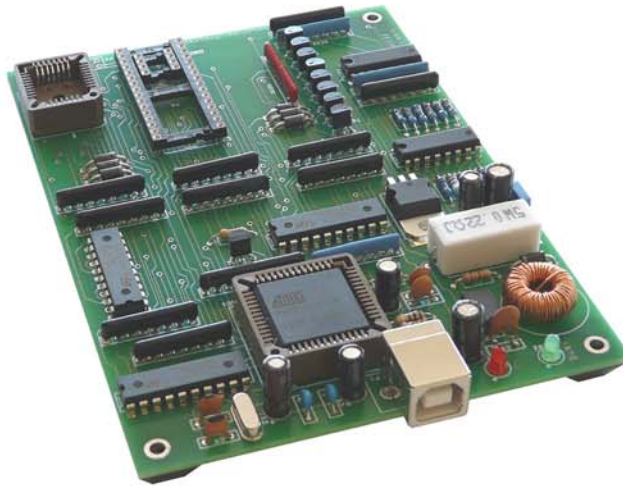 LOW-COST UNIVERSAL PROGRAMMER FOR EPROM | EEPROM | FLASH MEMORIES | SPI 27Cxxxx | 28Cxxxx | 28Fxxxx | 29Cxxxx | 29Fxxxx | 39Fxxxx | 49Fxxxx AND FOR SERIAL EEPROMS AND SPI FLASH 24Cxxx | 25xxx | 25Cxxx | 25Lxxx | 95xxx ON USB PORT

FlashBios

SEEIT
Programmers

Introduction:

The FlashBios is a device reader/programmer/copier supporting C-mos Eproms (2716 to 27C801 family) of 16Kb to 8Mb, parallel EEPROMs (28C16 to 28C040 family) up to 4Mb, parallel FLASH memory (28xxx, 29xxx, 37xxx, 39xxx, 49xxx, etc) of 512Kb to 8Mb, i2c and SPI EEPROMs/FLASHs memory (24Cxxx / 25xxx / 25Cxxx / 25Lxxx / 95xxx) until 16Mb.
It is equipped with a LED indicating the different status of the programmer, a USB port, a high quality tulip socket supporting devices in DIP packages of 8, 24, 28 or 32 pins and a PLCC32 socket supporting any 32-pin FLASH memory.
The FlashBios connects to the USB port of any compatible PC and does not require any external power supply which makes it very practical to use at the office or on a business trip. Its integrated supply runs all the devices requiring a supply of 2.5V / 3.3V / 5.0V / 12.0V / 12.5V / 13V / 21V and 25V.
The software works with Windows 98/ME/2000/XP/VISTA/Windows7/Windows8 (32bit and 64 bit).

Features:

Accepts standard file formats: BINARY, INTEL (Extended) HEX, INTEL HEX16, Motorola S19/S28/S37 records
Read / Write / Blank-Check Write / Verify / Blank-Check / Erase functions.
Support low voltage devices from 2,5V to 5,0V.
Support high Vpp programming voltage : 12,0V / 12,5V / 13,0V / 21,0V / 25,0V.
Not need exterior adapter for all DIP package devices : 8DIP, 24DIP, 28DIP and 32DIP.
PLCC32 adapter on board to program parallele FLASH memory.
SPI connectors to program on board devices, (GND, VDD, VPP, DATA0, DATA1, DATA2, DATA3, DATA4, DATA5, DATA7).
Supports Windows 98 / ME / 2000 / XP / VISTA / Windows 7/ Windows8 (32bit and 64bit) with 10MB of spare capacity.

Hardware & Electrical specifications:

Dimensions board : 140 x 100 x 15mm, Weight : 100g
Dimensions package : 190 x 115 x 35mm, Weight : 210g
Power supply on USB port.
Interface : connect to laptop or PC throught USB port (USB 1.1, 2.0 or higher).

Item includes:

Programmer with tulip 8DIP and 32DIP package, 32PLCC and SPI connector.
USB cable.
Software on CD.
User manual in English and French.

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