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Description

New UPA USB Programmer V1.3 with full adaptors Support Nec Function UPA-USB EEPROM programming tool UPA

Top 3 Reasons to Get the UPA USB Programmer

- 1. Language:** English.
- 2. Hardware Version:** V2014
- 3. Software Version:** V1.3

UPA USB Programmer Description:

New Upa-usb is the full set with all adapters; the main Device can be directly connected to the Elrasoft.com UUSP (UPA-USB Serial Programmer) or by an optional DB9 male / female 1:1 extension cable. It's equipped with a 40pin ZIF Socket for all narrow and wide DIP / DIL devices as well as with a 16 pin SOIC ZIF (150mil, narrow) socket to cover most commonly used devices.

Device configuration is done over special config keys which make the work convenient and safe compared to wiring up all manually.

Additional packages can be covered by commonly available Adapters plugged into the 40 pin ZIF socket.

The main Device further includes a 10 pin ISP connector where the included ISP Adapters can be connected using a standard 1:1 flat ribbon cable (included). The included PLCC ISP Adapters are to be put directly over the soldered chip of the target device making the work convenient and safe compared to soldering or using clips connecting up all manually. (Power from the UUSP to the ISP target can be enabled or disabled by a jumper next to the 10 pin ISP connector)



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UPA-USB Device Programmer V1.3 Update Info:

Added MC9S12HY64/HA32 support

Added Serial Flash memory support: A25L512/010/020/040/080/016/032, SST25VF512A/010A/020B/040B/080B/016B/032B, S25FL004A/008A/016A/032A/064A

Added 24C1024, 24C1025 support

Added Bulk erase data memory to PICs 16F913-7/946, 12F629/675

Added script function GetPage

Added script function AutoBaudRateDevice (hc08 devices only)

Added script function GetProgrammerFrameChildCtrl(AChildCtrlName: string): TControl

Added script function EnablePicMemoryAreas (AProgram, AID, AConfig, ACalibration, AEEPROM: boolean): boolean;

Fixed bug with script functions ProgramDevice, ReadDevice ... when used with PICs

Fixed bug with SetHC08SecurityBytes (SecBytes: string) function

Fixed bug with 68hc11 reading if Oscillator is not set to Auto

Updated script example files

The software is digitally signed

USB driver upausb.sys is digitally signed

EEproms

Simply connect the mainboard to the UPA programmer directly or by using a DB9 male / female extension cable (1:1). Insert the correct config key into the slot of the mainboard and start programming either via the ZIF or SOIC Socket. You can also use the included DIL to 10pin Flat-ribbon header, put it inside the ZIF socket and wire up an SOIC clip or clamps for ISP use from there.

Motorola MCU's

Pick the Adapter you want to use, attach the flat cable to the Adapter (PIN1 is always indicated, on both the cable and also the Adapter) and also to the main board's 10pin ISP connector. Select the VCC supply source by the jumper on the mainboard next to the ISP connector (on = target supplied from upa, off = target got own supply). Slide the Adapter over the soldered PLCC MCU on the target PCB. (No soldering, no pinout reviewing, no pin counting, saves lots of time and hassle and let's you make your job faster, precise and easier)

