

UNI VERSAL DEVI CE PROGRAMMERS FROM RK- SYSTEM (www.eeprom-programmers.nl)

Uprog USB series

The RK-SYSTEM range of **Uprog** single socket universal/multi-device programmers is ideal for development or low-to-medium scale production. All single socket programmers are fitted with a 40 or 48 pin ZIF socket, and are connected directly to USB port (USB1.0/2.0). DIP devices up to 40 or 48 pins (depending on model) are supported without the need for any additional modules or adapters. Uprog software provides full functionality, including: file load edit and save; data formats: Intel Hex, Motorola S-Record, ASCII, RAW binary, POF, JAM, SVF, Jedec, etc.; buffer editing; Verify Device ID, Read Device, Erase Device, Blank Check, Program and Verify operations; programming all microcontrollers features (options, security bytes, etc.); check device position and pin contacts before any operation; project option allows complete device configuration can be stored for further use. Uprog software supports Win9x/Me/2000/NT/XP.

UprogHS 48 portable USB

Single socket USB programmer. This model can operate in two modes: **stand-alone** and PC hosted. In stand-alone mode built-in keyboard and LCD display allows easy operation management. This mode requires memory card (SmartMedia) to store data files and devices in four databases. Device databases can contain any device from list with assigned data file. Contents of the device can also be read in stand-alone mode and saved onto card for further use. The database should be prepared using PC host and stored before using stand-alone mode. Main features of UprogHS 48 portable:

- Two modes of operation are supported: stand-alone and typical PC hosted
- Built-in keyboard and LCD display
- SmartMedia card as data medium in standalone mode
- FPGA based microcontroller for fast programming
- **In-circuit programming capability** (JTAG, SPI, Microwire, BDM, etc.)
- Device insertion and pin-contact check
- Supports standard 5V and low voltage devices down to 1.8V
- Built in **universal IC tester**
- Auto Run function for continuous programming
- **Adapter Creator feature** allows to use many adapters from different providers. User is able to scan structure of the adapter, save it to file and use with selected device.
- Short programming and verification times: MX29F040 in 7s, blank check - 0.1s
- Built in **8-bit EPROM emulator** up to 128KB, ~10ns (optional up to 512KB)
- Optional **16-bit EPROM emulator** up to 64KB, ~70ns (or 256 KB)
- Optional **16-channel 40MHz logic analyser** (for 8-channel - 80MHz)
- Interface with PC through USB port (1.0 / 2.0)
- Device list: ~8000 devices, including 8/16 bit EPROM, EEPROM, FLASH, PAL, GAL, PALCE, AFT, PEEL, CPLD (via JTAG), 51, AVR, PIC, HC08, HC12, COP8, ST62, ST72, MSP430F, W77/78, uPD78, Cypress USB, Z86 and others.



UprogHS 48 portable as gang programmer

UprogHS 48 portable offers a possibility of increasing production programming speed by composition of universal, stand-alone GANG programmer. In order to prepare programming environment place several programmers close to, program device and file databases for each programmer. User can operate multiple programmers simultaneously. Benefits of this solution are:

- each programmer can program different device, chosen from wide device list.
- asynchronous programming is more productive. Overall programming times are shorter than times of traditional gang programmers. User can replace programmed device while all other stay in programming process.
- low start-up costs. There is no need to spend large amount at the beginning, user can start from two units.
- all data files are stored at flash card - protection against unauthorized copying is provided.



UprogHS 48 USB

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- Device list: ~7400 (under development) devices including 8/16 bit EPROM, EEPROM, FLASH, PAL, GAL, PALCE, AFT, PEEL, CPLD (via JTAG), 51, AVR, PIC, COP8, ST62, MSP430F, W77/78, uPD78, Cypress USB, Z86 and others.

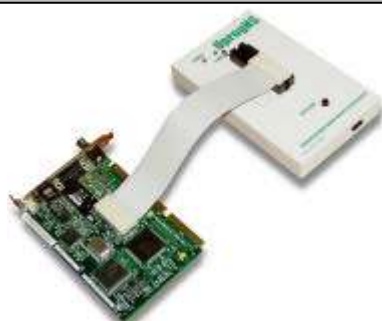


Free updates

- RK-SYSTEM regularly updates software and device lists
- You may download the current software version free of charge
- RK-SYSTEM is able to add devices upon customer's request - free of charge (if a sample and documentation is available)

Warranty

All programmers are warranted for one year from the date of purchase.



UprogHS 48 USB - memory simulator feature



UprogHS 48 USB – logic analyser feature



UprogHS 48 USB – in-circuit programming feature

MORE INFO

MANUFACTURER:
RK-SYSTEM Poland

Netherlands LOCAL DISTRIBUTOR:
DDS Programmers www.eprom-programmers.com