

Uprog LITE / LPT



Uprog LITE is a low cost universal IC programmer dedicated for a wide range of different devices including EPROMs, EEPROMs, Flash memories, GAL, PAL, CPLD, and microcontrollers. Uprog LITE has build-in interface for in-circuit programming via SPI, JTAG and others. To reduce programmer hardware and provide as cheap universal programmer as possible, we have introduced new, innovative Finger Drive™ technology.

Graphical interface of Uprog software is very comfortable in usage. Adding the chip from the list Uprog programmers have 100% universal programming socket. They allow to put independly on any pin programming voltage (0-30V), power supply (1.8-8V), ground or clock, so this flexibility allow Uprog programmers to handle any device.

[Device list](#)

Key features

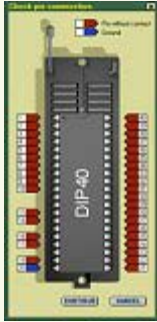
- Universal 48 pin ZIF socket based on *Finger Drive* technology.
- Universal adapters available for PLCC, SOIC, TSOP, etc. up to 48 pins.
- No adapter required for any DIL devices.
- FPGA based microcontroller for very fast programming.
- Build in interface for in-circuit programming (SPI, JTAG, Microwire, BDM, etc.)
- Device insertion and pin-contact check.
- Supports standard 5V and low voltage devices down to 1.8V.
- Short programming and verification times.
- Interface with PC through **LPT** port (EPP or SPP mode).
- Modular software, available libraries for:
8/16-bit memories, PLDs, microcontrollers, serial flash and EEPROMs and many others.
- **Adapter Creator** feature allows to use many adapters from different providers.
- Software for Windows Win98/ME/2000/NT/XP.
- Free technical support and software updates from the Internet.
- Very attractive price

Adapter Creator feature

New unique feature of Uprog programmers - **Adapter Creator** - 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. Uprog programmers support Flash memories (typical and NAND), EPROMs, EEPROMs, serial EEPROMs, microcontrollers, PLDs/CPLDs. The device list is quickly developing and all software updates are free of charge!. If we obtain IC samples, we offer free update on customer's demand.



Uprog pin checking feature.



Uprog always checks if there is proper contact between socket and programmed device to protect against chip damaging. Pin which have poor contact are showed with red labels. This feature shows as well if the programmed chip is inserted up side down.

Package includes:

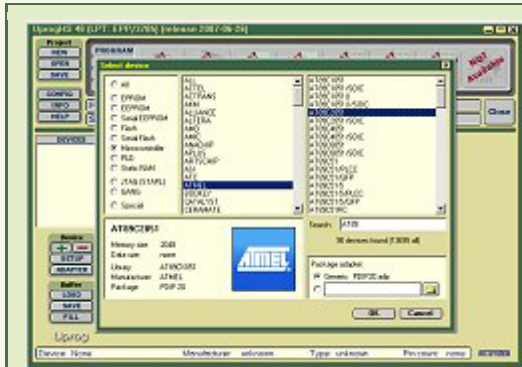
- Programmer
- CD-ROM with software
- LPT cable
- Power supplier

Package adapters

name	class	additional info	
SOIC16-DIP48-CL-U	universal	SOIC8 - SOIC16 body 4mm (0.150in), pitch 1.27mm (0.050in)	view
SOIC28-DIP48-CL-U	universal	SOIC16 - SOIC28 body 7.5mm (0.300in), pitch 1.27mm (0.050in)	view
SOIC44-DIP48-CL-U	universal	SOIC8 - SOIC44 body 3.81mm (0.150in) - 15.24mm (0.600in), pitch 1.27mm (0.050in)	view
PLCC44-DIP48-CL-U	universal		view
PLCC44-DIP48-PO-U	universal		view
PLCC32-DIP48-CL-U	universal		view
PLCC32-DIP48-PO-U	universal		view
QFP44-DIP48-CL-U	universal	body 10mm x 10mm, pitch 0.8mm	view
TSOP40-DIP48-PO-U	universal	body 18mm, pitch 0.5mm	view
TSOP48-DIP48-PO-U	universal	body 18mm, pitch 0.5mm	view
TSOP44-DIP48-CL-U	universal	body 10.16mm (0.400in), pitch	view

		0.8mm (0.0315in)	
PLCC68-DIP48-CL-87C550	specialized	for 87C550	view
QFP64-DIP48-CL-S	specialized	body 10mm x 10mm, pitch 0.5mm, realized against order	view
QFP100-DIP48-CL-S	specialized	body 14mm x 14mm, pitch 0.5mm, realized against order	view
SDIP-DIP48-CL-S	specialized	SDIP64 for selected devices, realized against order	view

Uprog - Example Screen Shots



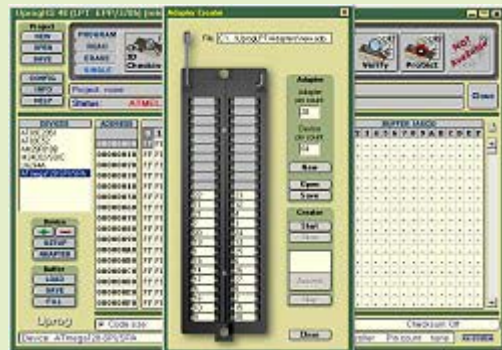
Device selection



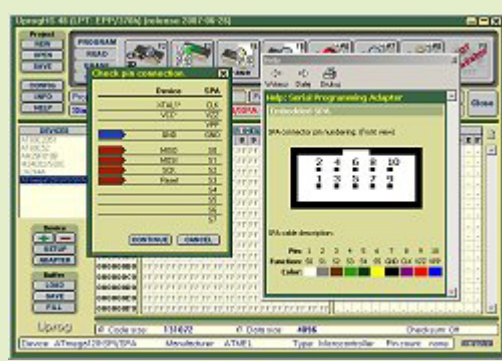
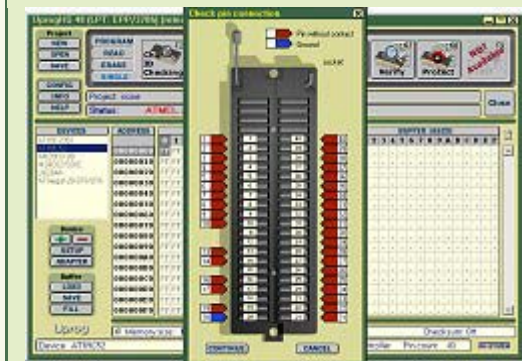
Data buffer



Device features setup



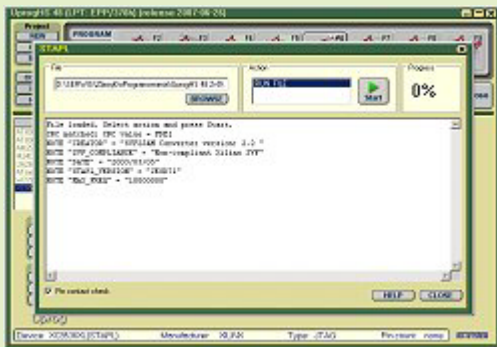
Adapter Creator



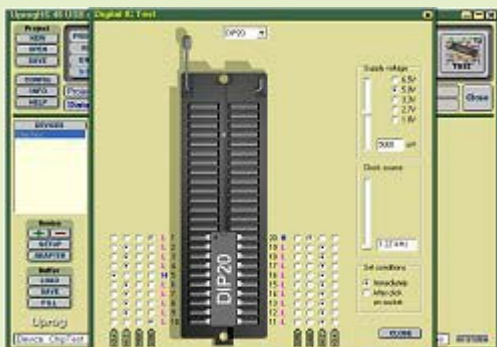
PinCheck



Log window



Programming via JTAG interface - STAPL

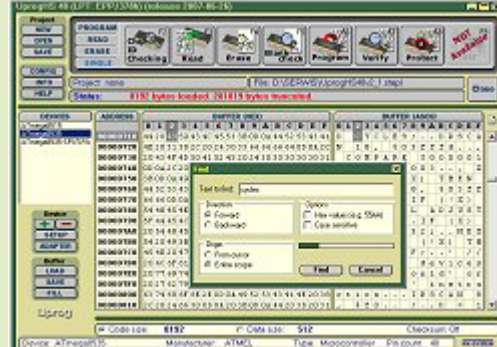


Universal digital IC tester

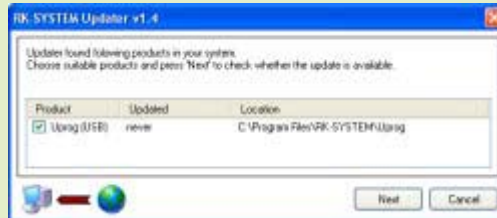
PinCheck SPA



Compare bata buffers window



Search bata buffers



Software update