Programmer Orange5

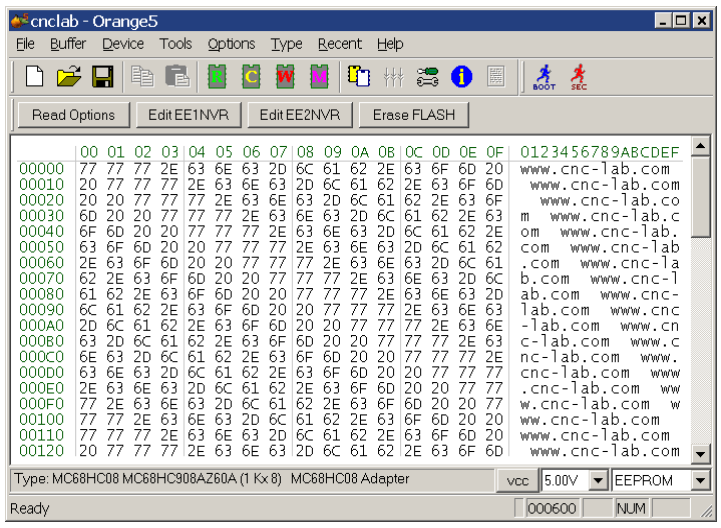
Orange5 is a professional programming device for memory and microcontrollers. Unique feature of the current series programmers is built-in macrolanguage for writing down protocols, which gives fast and easy capability to add new types of microschemes, precisely meeting manufacturers' requirements to read/write algorithms.

Technical Info:

- Connection and power via USB interface (USB2.0)
- Universal easy to plug panel ZIF16 for EEPROM
- Control of contacts in the sockets
- Two expansions connectors compatible with Orange4 and Omega MTRK
- Protection against overcurrent
- Overload voltage protection
- Two types of power supply: Standart (USB) and enhanced (USB + external power supply)
- Three adjustable voltage and current control: Voltage of power supply (2.0...5.0V), programming voltage (2.0...21.0V), additional fixed 10V for microcontrollers.
- High-speed bidirectional pin drivers with adjustable voltage (2.0...5.0V)
- Oscillator clock generator with frequency (up to 24 Mhz) and out voltage (2.0...5.0V) adjustment.
- Capability of functional emulation of USB CDC devices.
- Built-in 32-bit virtual machine
- Supported interface: I2C, SPI, MicroWire, JTAG, UART, BDM, ISO7816, K-LINE (via adapter), CAN (via adapter);
- plastic case.

Software

- Maximum buffer size - 32Mb;
- Users can create own HPL modules;
- Edit 8 and 16 bits HEX values, as well as ASCII.
- Read and write files in BIN, HEX, S19 formats;
- Visual compare mode with highlight values;
- Write all chip or marked area;
- Support for multiple configuration files;
- Auto-save backups;
- Extended set of operations on the buffer;
- Works under Windows XP (32 bit).



Adapters and accessories (optional):

- **USB cable** - USB 2.0 AB cable to connect the programmer
- **O5KLCAN** - CAN and K-Line interfaces
- **O5TMS** - for Texas Instruments TMS370, TMS374, TMS375
- **11EA9** - for MC68HC11EA9 PLCC52
- **05BP2** - for MC68HC05B6/B16/B32 and MC68HC705B16/B32 PLCC52
- **05DIP** - for MC68HC05L28 and MC68HC05B6 DIP,SDIP
- **05H12** - for MC68HC05H12 PLCC52
- **705E6** - for MC68HC705E6,P3 SOIC and QFP (solder)
- **05BXQ64** - for MC68HC(7)05B16,B32,X16,X32 QFP64 (solder)
- **11EA9** - for MC68HC11EA9 PLCC52
- **11F1** - for MC68HC11F1 PLCC68
- **11L6** - for MC68HC11L6 PLCC68
- **11PA8** - for MC68HC11PA8 QFP64 (solder)
- **908AS** - for MC68HC908AS60 PLCC52
- **908AZ** - for MC68HC908AS(AZ)60 QFP64 (solder)
- **912DQ** - for 912Dxxx QFP112, QFP80 (solder)
- **9S12Q** - for 9S12Dxxx QFP112, QFP80 (solder)
- **9S12H** - for 9S12H/XH/XHZ QFP112, QFP80 (solder)

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- **QFP64U** - universal QFP64,QFP44 (solder)
- **QFP80U** - universal QFP80 (solder)
- **SOIC8DIP** - SOIC8 body width 150mil.
- **SOIC16DIP** - SOIC8,14,16 (solder)
- **SSOP8DIP** - SSOP8 (solder)
- **PIC-AVR** - for MCU PIC12x, PIC16x, AT90, ATTiny, ATmega
- **AT89Cx051** - for MCU Atmel AT89C2051, AT89C4051 (DIP20)
- **UNIZIF40** - for PIC, AVR and other with a single universal ZIF panel
- **ER1400** - for EEPROM ER1400
- **MDA206X/O4** - for EEPROM MDA2061,MDA2062 (ITT)
- **O4-NDM457** - for EEPROM NDM457 (+HPX)
- **PLCC-ext** - IC Extractor PLCC
- **DIP-ext** - IC Extractor DIP

full list...

Additional Information:

- **List of supported chips**
- **List of changes in the program (RU)**

Downloads:

orange5.rar	2070 Kb	**Orange5 v1.36**
or5demo.rar	500 Kb	**Orange5 demo *(demo version)***
unizif40.pdf	60 Kb	**Manual for UNIZIF40 adapter**