

		Device Programmers and Development Tools for Microcontrollers				
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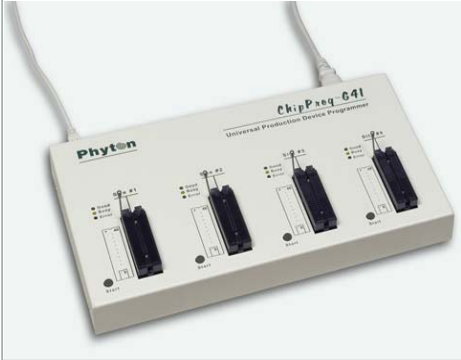
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Products

- Development Tools
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Python Device Programmers

ChipProg-G41 - four site universal production device programmer



E-Shop

Shop device programmers and programing adapters on-line

Device List

Get a complete list of the devices supported by this programmer

Adapters

Get the list of the adapters compatible with this programmer

Extremely fast! Programs and verifies programming of **1Gb NAND flash memory device for 23 s!** Targeted at working with large density **NAND and NOR flash memory devices**. See the [speed comparison](#) between different programmers.

Based on four concurrently and independently working Phytion [ChipProg-481](#) device programmers

Supports parallel & serial EPROM & EEPROM; microcontrollers, and PAL/PALCE/GAL/PEEL/PLD devices

Programs all DIP-packed device from 6 to 48 pin via 48-pin pin ZIF DIP sockets - no additional adapters are required

Optional adapters for programming devices in PLCC, SOIC, SSOP, QFP, BGA, QFN, SON and other packages are available

Supports in-system programming for the devices allowing the ISP (ICP) mode via special cables-adapters

Communicate to a PC via a single USB 2.0 port

Each site has its own 'Start' button for fast manual operations

Device auto-detect start mode initiates programming after the target device is inserted into the socket

Works under control of Windows XP and Windows-7 32- and 64-bit versions. Easy-to-use and intuitive user interface

Can be controlled from a host computer GUI or remotely via a special Application Control Interface (ACI)

Supports loading files of all popular formats: Intel HEX, Binary, Motorola S-format, POF, JEDEC, PRG, ASCII Hex & Octal, etc.

Built-in editor supports sophisticated operations with blocks

Vpp and other parameters precise adjustment via the software settings

Splits files to multiple images

Embedded script language for automation of routine operations

Serialization of the programmed devices by writing a serial number into a specified target memory location

Calculation of the control sum with capability to write it into a specified target memory location

A unique signature can be written into a specified target memory location

Advanced self-diagnostic start-up routine that check the target device reliable contact in the programming socket

Incorrect device insertion check and overcurrent protection; automatically detects bad contacts before starting any operation

Lifetime free software updates via Web

Has a built-in universal 110-240VAC power adapter; US, European, UK and Australian power cables are available

Quite portable for the tools of this class - dimensions: 360x155x33 mm (14-1/8 x 6-1/6 x 1-3/8 inch)

See also other [multi-programming solutions](#) based on ChipProg-481, ChipProg-48, ChipProg-40 and ChipProg-ISP tools

[Download](#) the ChipProgUSB-01 software. You can launch it in a demo mode to evaluate the tool GUI, main features and context-sensitive Help.

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