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Gameboy 4MB ROM, 32KB/128KB SRAM Flash Cart v1.0

This re-programmable Flash Cartridge allows you to play most Gameboy/Gameboy Colour games including Pokemon (no RTC support), Zelda, Wario Land, LSDJ, etc and allows you to re-flash it with any flasher like GBxCart RW that supports the MX29LV320. It also allows for some MBC1/3 games (you need to use our loader – see downloads tab) that don't work properly on clone carts such as Super Mario Land 2, Donkey Kong Land 3, Megaman 5 to name a few.

This is the one of the lowest powered non-clone cart available on the market at ~10mA current consumption! (Tested on Pokemon Crystal start up screen). Excellent for LSDJ (make sure you select the 128KB option). The 32KB option is available because some games like Perfect Dark try to use more than 32KB RAM and will end up corrupting/crashing the game.

This cart works on every Gameboy system – GB, MGB, GBC, GBA, GBA SP and the Game Boy Player. Games that require more than 4MB of ROM won't work. If you would like us to test a game, please send a quick email to support@insidegadgets.com.

Check out the cart comparison image to see how each cart compares to each other and the clone carts. Check this list of Gameboy games to see the ROM/RAM size and MBC type your game will have.

Comes in a generic clear or grey Gameboy cartridge with our label. Each unit is assembled in house and is tested on a Gameboy Advance. You can supply the ROM file for us to flash the cart if you like, it will be tested for 20-30 seconds to ensure it works.

Specifications
ROM: 4MB Flash (MX29LV320)
SRAM: 32KB or 128KB battery backed with a CR2032 (should last 10 years or more)
MBC: MBC5 (with MBC1/3 support using our loader) emulated with a Altera CPLD

MBC5 is the default mapper
MBC1/3 – To use these MBCs, you need to boot the game through our loader.

The PCB finish is ENIG, Gold fingers (on the edge connector) with a 45 degree bevel to give the maximum life for insertion/removal of the cartridge.

Requirements
A Gameboy flasher such as GBxCart RW if you wish to re-write the flash cart.

Gameboy Compatibility
This cart works on every GB system - GB, MGB, GBP, GBA, GBA SP and the Game Boy Player.

Game Compatibility
Won't work with any game that has more than a 4MB ROM.