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Gameboy 2MB ROM, 128KB SRAM Flash Cart v1.0

This re-programmable Flash Cartridge allows you to play most Gameboy/Gameboy Colour games including Pokemon, Zelda, Wario Land, LSDJ, etc and allows you to re-flash it with any Flash cart programmer like GBxCart RW. It also allows for some MBC1 games that don't work properly on clone carts such as Super Mario Land 2, Donkey Kong Land 3, Megaman 5 to name a few.

Comes in a generic 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.

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.

This flash cart will take up additional current compared to a regular cartridge due to the CPLD so you will see a decrease in battery life; this is standard for CPLD based flash carts.

Firmware available:

R1 (Default) -

MBC5 – Bank 0 gives bank 1 like in MBC1/3. Hybrid support for MBC1/3 games. MBC1 support is limited to 512KB ROM / 8 KBytes RAM, it's locked in "ROM Banking Mode" but without the 2MB ROM support.

R1.1 – Adds support for 2MB MBC1 ROMs, only tested with 1 game. Consumes about 5mA more.

R2 – Same as R1 but allows this cart to be a Multi-Game Cart when you run our loader software (check the Downloads). It consumes 20mA more than R1 and about 10-20% of games run through the Multi-Game loader may not work. There are 2 loaders – one for Gameboy games and one for Gameboy Colour games; unfortunately you can't mix games. You can still run the cart as a regular Flash cart. This loader doesn't work on Gameboy Pocket but works on Gameboy Colour and Gameboy Advance.

Once the firmware has been written, it can't be changed unless you have the specific programming equipment (Altera USB Blaster). If you would like to change the firmware version, you can contact us and send the cart back to us for re-programming.



Specifications

ROM: 2MB Flash (AM29F016B)

SRAM: 128KB battery backed with a CR2025 (should last 5-10 years or more)

MBC: MBC5 (with some MBC1 support) emulated with a Altera CPLD

Note: Having some MBC1 support may break a few MBC5 games.

Requirements

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

Gameboy Compatibility

Works on a Gameboy, GBA, GBC and GBP (it should work on a GBA SP too but I don't have one to test with).

Game Compatibility

Won't work with any game that has more than a 2MB ROM or any MBC1 game that tries to access more than 8KB of RAM.

Check the Game Compatibility list to see which games and which ones don't (for Firmware R1). If you would like us to test a game, please send a quick email to support@insidegadgets.com.

Supported Games List

These games have been tested for 20-30 seconds on Firmware R1 on a GBA. Most should work on the other firmware too. If you would like us to test a game or try loading a save file you can provide, please let us know.

007 – The World is Not Enough (U) [C]
007 James Bond
10-Pin Bowling (U) [C]
102 Dalmatians – Puppies to the Rescue (U) [C]
1942 (U) [C]
3-D Ultra Pinball – Thrillride (U) [C]
3D Pocket Pool (E) (M6) [C]
4 in 1 – Fun Pack 2
4 in 1 – Fun Pack
4x4 World Trophy (E) (M5) [C]
720 Degrees (U) [C]
Action Man – Search for Base X (U) [C]
Addams Family
Adventure Island
Adventure Island 2
Adventures of Lolo
Adventures of Pinocchio
Adventures of Rocky and Bullwinkle
Adventures of Star Saver
Aero Star
Aladdin
Aladdin (U) [C]
Alfred Chicken
Alice in Wonderland (U) [C]
Alien 3
Alien Olympics 2044 AD
Alien vs Predator – the Last of His Clan
All Star Tennis 2000 (U) [C]
All-Star Baseball 2000 (U) [C]
Alley-Way
Altered Space
Amazing Penguin
Amazing Spider-Man
Amazing Spider-Man 2
Amazing Spider-Man 3 – Invasion of the Spider-Slayers
Amazing Tater
Animaniacs
Antz (E) (M6) [C]
Asterix
Asteroids

Asteroids & Missile Command
Asteroids (U) [C]
Atlantis – The Lost Empire (E) (M3) (Eng-Spa-Ita) [C]
Atomic Punk
Attack of the Killer Tomatoes
Avenging Spirit
Barbie – Game Girl
Baseball
Bases Loaded
Batman
Batman – Return of the Joker
Battle of Olympus
Battle Unit Zeoth
Battle Zone & Super Breakout
Battleship
Battletoads feat. Double Dragon
Battletoads in Ragnarok’s World
Battletoads
Beavis and Butthead
Beetlejuice
Best of the Best – Championship Karate
Bill and Ted’s Excellent GB Adventure
Bill Elliott’s NASCAR – Fast Tracks
Bionic Battler
Bionic Commando
Bionic Commando – Elite Forces (U) [C]
Blades of Steel
Blaster Master Boy
Blaster Master Jr.
Blues Brothers
Blues Brothers – Jukebox Adventure
Bo Jackson – Hit and Run
Boarder Zone (U) [C]
Boggle Plus
Bomb Jack
Bomberman Max – Blue Champion (U) [C]
Bomberman Max – Red Challenger (U) [C]
Bomberman Quest (U) [C]
Boomer’s Adventure in ASMIK World
Boulder Dash
Boxing
Boxxle
Boxxle 2
Brain Drain
Brainbender
Bram Stoker’s Dracula

Bubble Bobble (U) [C]
Bubble Bobble
Bubble Ghost
Bubsy 2
Bug's Life, A (U) [C]
Bugs Bunny
Bugs Bunny – Crazy Castle 2
Burai Fighter Deluxe
Burger Time Deluxe
Bust a Move 2
Bust a Move 3
Bust-A-Move 4 (UE) [C]
Bust-A-Move Millennium (U) [C]
Buster Brothers
Caesar's Palace
Carmageddon (UE) (M4) [C]
Casino Funpak
Casper
Casper (U) [C]
Castelian
Castle Quest
Castlevania – Legends (UE) [S][!]
Castlevania Adventure, The (E)
Castlevania II – Belmont's Revenge (U)
Catrap
Catwoman (U) [C]
Centipede
Chase HQ
Chess-Master
Chessmaster, The (U) [C]
Chicken Run (U) (M5) [C]
Choplifter 2
Choplifter 3
Chuck Rock
Cliffhanger
Colin McRae Rally (E) [C]
College Slam
Commander Keen (U) [C]
Conker's Pocket Tales (UE) (M3) [C]
Contra – the Alien Wars
Cool Ball
Cool World
Cosmo Tank
Croc (UE) [C]
Croc 2 (U) [C]
Cross Country Racing (E) (M3) [C]

Crystal Quest
Crystalis (U) [C]
Cutthroat Island
Cyraid
Daedalean Opus
Daffy Duck – Fowl Play (U) [C]
Daffy Duck – the Marvin Missions
Darkwing Duck
Dead Heat Scramble
Defender-Joust
Dennis the Menace
Desert Strike – Return to the Gulf
Dexterity
Die Maus
Dig Dug
Disney's Mulan
Disney's Tarzan (U) [C]
Donald Duck in Maui Mallard
Donkey Kong (JU) (V1.0) [S][!]
Donkey Kong Land 2
Donkey Kong Land 3
Donkey Kong Land
Double Dragon 2
Double Dragon 3
Double Dragon
Double Dribble – 5 on 5
Dr. Franken
Dr. Franken 2
Dr. Mario
Dragon Ball Z – Legendary Super Warriors (U) [C]
Dragon Heart
Dragon Quest Monsters (G) [C]
Dragon Tales – Dragon Adventures (U) [C]
Dragon Warrior I & II (U) [C]
Dragon Warrior Monsters (U) [C]
Dragon's Lair – the Legend
Driver – You Are The Wheelman (U) (M5) [C]
Dropzone
Duck Tales
Duck Tales (U)
Duck Tales 2
Duck Tales 2 (U)
Duke Nukem (U) (M5) [C]
Dynablaster
Earthworm Jim
Elevator Action

Extra Bases!
F-1 Pole Position
F-18 Thunder Strike (U) [C]
Faceball 2000
Fastest Lap
Fidgetts
FIFA 2000 (U) [C]
FIFA Soccer 1998
Fighting Simulator 2 in 1 (AKA Flying Warriors)
Final Fantasy Adventure
Final Fantasy Legend
Final Fantasy Legend 2
Final Fantasy Legend 3
Fish Dude
Fist of the North Star
Flash
Flintstones
Flintstones – King Rock Treasure Island
Flipull
Football International
Foreman for Real
Fortified Zone
Frogger (U) (V1.0) [C]
Frogger 2 (U) [C]
Frommer's Personal Organizer
Galaga – Destination Earth (U) [C]
Game & Watch Gallery
Game of Harmony
Gameboy Gallery 2
Gameboy Gallery 4
Gameboy Gallery
Garfield Labyrinth
Gauntlet 2
Gear Works
George Foreman Boxing
Get-Away
Gex – Enter the Gecko (U) [C]
Gex 3 – Deep Cover Gecko (U) [C]
Ghostbusters 2
Goal! – Ireland
Goal! – Venezuela
Godzilla
Gourmet Paradise
Gradius – the Interstellar Assault
Grand Prix
Grand Theft Auto 2 (U) [C]

Great Greed
Gremlins 2 – the New Batch
Hal Wrestling
Hammerin' Harry – Ghost Building Company
Harvest Moon 2 GBC (U) [C]
Harvest Moon 3 GBC (U) [C]
Harvest Moon
Hatrix # GB not work
Heavy-Weight Championship Boxing
Heiankyo Alien # GB white
Hercules
Heroes of Might and Magic (U) (M3) [C]
Heroes of Might and Magic II (U) (M3) [C]
High Stakes Gambling
Hit the Ice
Hook
Houghton Mifflin Spell Checker and Calculator
Hudson Hawk
Hugo
Hugo – Black Diamond Fever (E) (M11) [C]
Hugo – The Evil Mirror (E) (M11) [C]c
Humans
Hunchback of Notre Dame – Topsy Turvy Games
Hunt for Red October
Hyper Dunk
Hyper Lode Runner
In Your Face
Incredible Crash Dummies
Inspector Gadget – Operation Madkactus (U) [C]
International Karate (E) [C]
International Rally (U) [C]
International Superstar Soccer
International Superstar Soccer '99 (U) [C]
International Superstar Soccer 2000 (E) [C]
International Track & Field – Summer Games (E) [C]
Ishido
Itchy and Scratchy – Minature Golf Madness
Jack Nicklaus Golf
Jeep Jamboree
Jordan vs Bird
Jurassic Park
Jurassic Park – Lost World
Jurassic Park 2 – the Chaos Continues
Kid Dracula
Killer Instinct
Kirby's Block Ball

Kirby's Dream Land 2
Kirby's Dream Land
Kirby's Pinball Land
Kirby's Star Stacker
Klax
Konami GB Collection Vol.1 (E) [C]
Konami GB Collection Vol.2 (E) [C]
Konami GB Collection Vol.3 (E) [C]
Konami GB Collection Vol.4 (E) [C]
Kwirk
Land Before Time, The (U) [C]
Last Action Hero
Lazlos' Leap
Legend of Zelda, The – Link's Awakening DX (U) (V1.0) [C]
Legend of Zelda, The – Oracle of Ages (E) (M5) [C]
Legend of Zelda, The – Oracle of Seasons (E) (M5) [C]
LEGO Island 2 – The Brickster's Revenge (E) (M10) [C]
LEGO Racers (E) (M10) [C]
LEGO Stunt Rally (E) (M10) [C]
Lemmings 2 – the Tribes
Lock N Chase
Loopz
LSDJ 5.9.9
LSDJ 6.6.1
Lufia – The Legend Returns (U) [C]
M&M's Minis Madness (U) [C]
Madden 1995
Madden 1996
Madden 1997
Madden NFL 2000 (U) [C]
Madden NFL 2001 (U) [C]
Madden NFL 2002 (U) [C]
Magi Nation (U) [C]
Marble Madness
Mario Golf (U) [C]
Mario Tennis (U) [C]
Mario's Picross
Maru's Mission
Max
Mega Man 2
Mega Man 3
Mega Man 4
Mega Man 5
Mega Man
Megalit
Megaman Xtreme (U) [C]

Megaman Xtreme 2 (U) [C]
Men In Black – The Series (U) [C]
Men In Black 2 – The Series (E) (M3) [C]
Merlin (E) (M6) [C]
Metal Gear Solid (U) [C]
Metal Slug (Unl) [C]c
Metal Slug 2001 (Unl) [C]c
Metal Walker (U) [C]
Metroid 2 – Return of Samus
Mickey Mouse
Mickey Mouse – Magic Wand
Mickey’s Dangerous Chase
Mickey’s Ultimate Challenge
Micro Machines
Micro Machines 1 and 2 – Twin Turbo (U) [C]
Micro Machines 2
Micro Machines V3 (U) [C]
Microsoft Entertainment Pack (E) [C]
Microsoft Pinball Arcade (U) [C]
Microsoft Puzzle Collection (E) (M5) [C]
Miner 2049er
Missile Command
Missile Command (U) [C]
Mission Impossible (E) (M5) [C]
Monopoly (U) [C]
Mortal Kombat 3
Mortal Kombat 4 (U) [C]
Mortal Kombat II (U)
Motocross Maniacs
Mr. Do!
Ms. Pac-Man Special Color Edition (E) [C]
NanoLoop Music Generator
NASCAR 2000 (E) [C]
NASCAR Challenge (U) [C]
NASCAR Heat (U) [C]
NASCAR Racers (U) [C]
NBA 3 on 3 featuring Kobe Bryant (U) [C]
NBA All Star Challenge
NBA Hoopz (U) [C]
NBA In The Zone (U) [C]
NBA In The Zone 2000 (E) [C]
NFL Football
Ninja Boy
Oddworld Adventures
Othello
Pac-Man

Pac-Man Special Color Edition (E) [C]
Palamedes
Panel Action Bingo
Paperboy 2
Paperboy
Pinball Deluxe
Pinball Dreams
Pinball Fantasies
Pinball Mania
Pocket Music (E) (M5) [C]
Pokemon – Crystal Version (UE) (V1.0) [C]
Pokemon – Gold Version (UE) [C]
Pokemon – Red Version (UE) [S][!]
Pokemon – Silver Version (UE) [C]
Pokemon – Yellow Version (UE) [C]
Pokemon Blue
Pokemon Puzzle Challenge (U) [C]
Pokemon Trading Card Game (U) [C]
Pop Up
Prince of Persia (E) (M5) [C]
Q Billion
R-Type (U)
R-Type II (U)
Rainbow Islands (E) (M5) [C]
Rampage – World Tour (U) [C]
Rampage 2 – Universal Tour (U) [C]
Resident Evil Gaiden (U) [C]
Roadsters '98 (U) [C]
Robocop (U) (M6) [C]
Robot Wars – Metal Mayhem (E) (M6) [C]
Rugrats – Time Travelers (U) [C]
Rugrats – Totally Angelica (U) [C]
Rugrats Movie, The (U) [C]
Sabrina – The Animated Series – Spooked! (U) [C]
Sabrina – The Animated Series – Zapped! (U) [C]
Saishuu Gensou (Unl) [C]c
San Francisco Rush 2049 (U) [C]
Scrabble (E) [C]
Serpent
Shanghai
Simpsons – Bart & the Beanstalk
Simpsons – Bart vs the Juggernauts
Simpsons – Krusty's Funhouse
Simpsons – Escape from Camp Deadly
Simpsons, The – Night of the Living Treehouse of Horror (U) [C]
Skate or Die – Bad N Rad

Skate or Die – Tour de Thrash
Soccer Manager (E) (M4) [C]
South Park GBC
Space Invaders 1994
Spy vs. Spy (U) [C]
Star Trek – the Next Generation
Star Trek Generations – Beyond the Nexus
Star Trek
Star Wars Episode I – Obi-Wan’s Adventures (E) (M5) [C]
Stargate
Stranded Kids (E) (M3) [C]
Street-Fighter 2
Super Black Bass
Super Breakout! (U) [C]
Super Mario Bros. Deluxe (U) (V1.0) [C]
Super Mario Land
Super Mario Land 2 – 6 Golden Coins
Super Mario Land 2 DX – 6 Golden Coins
Survival Kids (U) [C]
Taxi 2 (F) [C]
Taxi 3 (F) [C]
Tennis
Test Drive 2001 (U) [C]
Test Drive 6 (U) [C]
Test Drive Cycles (U) [C]
Tetris 2
Tetris Attack
Tetris Blast
Tetris DX
Tetris Plus
Tetris
Tiger Woods PGA Tour 2000 (U) [C]
TinTin in Tibet
Tom and Jerry
Tom and Jerry – Frantic Antics
Tony Hawk’s Pro Skater (U) [C]
Tony Hawk’s Pro Skater 2 (U) [C]
Tony Hawk’s Pro Skater 3 (U) [C]
Top Gear Pocket (U) [C]
Top Gear Pocket 2 (U) [C]
Top Gear Rally (E) [C]
Top Gear Rally 2 (E) [C]
Top Gun 2
Top Ranking Tennis
Toy Story
Turok – Battle of the Bionosaurs

Turok – Rage Wars (UE) (M4) [C]
Turok 2 – Seeds of Evil (U) (M4) [C]
Turok 3 – Shadow of Oblivion (UE) (M4) [C]
Uno (U) [C]
V-Rally – Championship Edition (E) (M4) [C]
Vegas Games (U) [C]
Wacky Races (E) (M6) [C]
Wario Blast
Wario Land – Super Mario Land 3 (W)
Wario Land 3
Wario Land II (U) [C]
Warlocked (U) [C]
Wave Race
Wheel of Fortune
Wings of Fury (U) [C]
World Bowling
WWF Warzone (U)
X-Men – Mutant Academy (U) [C]
X-Men – Mutant Wars (U) [C]
X-Men – Wolverine’s Rage (U) [C]
Yoshi’s Cookie
Yoshi
Zelda – Link’s Awakening

Un-Supported Games List

Any game that requires more than 2MB of ROM.

Any MBC1 game that has more than 512KB of ROM or switches to RAM banking mode and wants to access more than 8KB of RAM.

Dexter’s Laboratory – Robot Rampage (U) – White screen
F1 Race – Saves don’t work
F-1 World Grand Prix II (U) (M4) – White screen
FIFA International Soccer – Black screen
FIFA Soccer 1996 – White screen
Frank Thomas’ Big Hurt Baseball – White screen
Galaga & Galaxian – Corrupted graphics
Game & Watch Gallery 2 – Sound/Gameplay issues
Hexcite – The Shapes of Victory (U) – Gameplay issues
Home Alone – White screen
Indiana Jones – the Last Crusade – Corrupted graphics
Ironman – Man o War in Heavy Metal – White screen
Kirby’s Tilt ‘n’ Tumble (U) – White screen
Mortal Kombat (U) – White screen

Mortal Kombat I & II (UE) – White screen
RoboPon – Sun Version (U) – Logo then white screen
Star Wars – White screen
Star Wars – Super Return of the Jedi – White screen
Star Wars – the Empire Strikes Back – White screen
Star Wars Episode I – Racer (UE) – White screen/Freeze after starting a race
Tamagotchi – Black screen
Wordtris – White screen
Wordzap – White screen

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