

Production Boards

Mode 20H

SHVC-1A0N, SHVC-YA0N, SHVC-2A0N, SHVC-1A1B, SHVC-1A3B, SHVC-1A5B,
SHVC-2A3B, SHVC-1A1M, SHVC-1A3M, SHVC-1A5M, SHVC-1A7M, SHVC-2A1M,
SHVC-2A3M, SHVC-BA1M, SHVC-BA3M

Mode 21H

SHVC-1J0N, SHVC-YJ0N, SHVC-2J0N, SHVC-3J0N, SHVC-BJ0N, SHVC-1J3B,
SHVC-2J3B, SHVC-1J1M, SHVC-1J3M, SHVC-1J5M, SHVC-2J3M, SHVC-BJ1M,
SHVC-BJ3M, SHVC-LJ3M

Mode 20H DSP

SHVC-1B0N, SHVC-1B3B, SHVC-1B5B, SHVC-2B3B

Mode 21H DSP

SHVC-1K0N, SHVC-1K1B, SHVC-1K1X, SHVC-2K1X

Super FX

SHVC-1C0N, SHVC-1C0N5S, SHVC-1CA0N5S, SHVC-1CA0N6S, SHVC-1CA6B,
SHVC-1CB0N7S, SHVC-1CB5B, SHVC-1CB7B

Broadcast Satellaview

BSC-1A5M, BSC-1A7M

SHVC-1A0N

This PCB is used for 2Mbit, 4Mbit, 8Mbit, 16Mbit and 32Mbit games with no SRAM.

U1	ROM
U2	CIC

ROM Registration

FFD5	20H / 30H	Map Mode
FFD6	00H	Cartridge Type
FFD7	08H ~ 0CH	ROM Size
FFD8	00H	RAM Size

PCB Revision: 01 (1990), 02 (1990), 10 (1990), 20 (1990), 30 (1990)

Bank	Address	
00-7F	8000-FFFF	ROM
40-7F	0000-7FFF	ROM (MIRROR)
80-FF	8000-FFFF	ROM (MIRROR)
C0-FF	0000-7FFF	ROM (MIRROR)

SHVC-YA0N

This PCB is used for 5Mbit, 6Mbit and 8Mbit games with no SRAM.

U1	ROM P0
U2	ROM P1
U3	74LS00
U4	CIC

ROM Registration

FFD5	20H / 30H	Map Mode
FFD6	00H	Cartridge Type
FFD7	0AH	ROM Size
FFD8	00H	RAM Size

PCB Revision: 01 (1993)

Bank	Address	
00-7F	8000-FFFF	ROM
40-7F	0000-7FFF	ROM (MIRROR)
80-FF	8000-FFFF	ROM (MIRROR)
C0-FF	0000-7FFF	ROM (MIRROR)

SHVC-2A0N

This PCB is used for 10Mbit, 12Mbit and 16Mbit games with no SRAM.

U1	ROM P0
U2	ROM P1
U3	74LS00
U4	CIC

ROM Registration

FFD5	20H / 30H	Map Mode
FFD6	00H	Cartridge Type
FFD7	0BH	ROM Size
FFD8	00H	RAM Size

PCB Revision: 01 (1992), 10 (1992), 11 (1992)

Bank	Address	
00-7F	8000-FFFF	ROM
40-7F	0000-7FFF	ROM (MIRROR)
80-FF	8000-FFFF	ROM (MIRROR)
C0-FF	0000-7FFF	ROM (MIRROR)

SHVC-1A1B

This PCB is used for 2Mbit, 4Mbit, 8Mbit and 16Mbit games with 16K SRAM.

U1	ROM
U2	16K SRAM
U3	74LS139
U4	CIC

ROM Registration

FFD5	20H / 30H	Map Mode
FFD6	02H	Cartridge Type
FFD7	08H ~ 0BH	ROM Size
FFD8	01H	RAM Size

PCB Revision: 01 (1990), 04 (1990), 05 (1990), 06 (1990)

Bank	Address	
00-1F	8000-FFFF	ROM
70-7F	0000-FFFF	RAM
80-9F	8000-FFFF	ROM (MIRROR)
F0-FF	0000-FFFF	RAM (MIRROR)

SHVC-1A3B

This PCB is used for 2Mbit, 4Mbit, 8Mbit and 16Mbit games with 64K SRAM.

U1	ROM
U2	64K SRAM
U3	74LS139
U4	CIC

ROM Registration

FFD5	20H / 30H	Map Mode
FFD6	02H	Cartridge Type
FFD7	08H ~ 0BH	ROM Size
FFD8	03H	RAM Size

PCB Revision: 01 (1990), 11 (1990), 12 (1990), 13 (1990)

Bank	Address	
00-1F	8000-FFFF	ROM
70-7F	0000-FFFF	RAM
80-9F	8000-FFFF	ROM (MIRROR)
F0-FF	0000-FFFF	RAM (MIRROR)

PCB Revision: 20

Bank	Address	
00-7F	8000-FFFF	ROM
70-7F	0000-7FFF	RAM
80-FF	8000-FFFF	ROM (MIRROR)
F0-FF	0000-7FFF	RAM (MIRROR)

SHVC-1A5B

This PCB is used for 2Mbit, 4Mbit, 8Mbit and 16Mbit games with 256K SRAM.

U1	ROM
U2	256K SRAM
U3	74LS139
U4	CIC

ROM Registration

FFD5	20H / 30H	Map Mode
FFD6	02H	Cartridge Type
FFD7	08H ~ 0BH	ROM Size
FFD8	05H	RAM Size

PCB Revision: 03, 04 (1991)

Bank	Address	
00-1F	8000-FFFF	ROM
70-7F	0000-FFFF	RAM
80-9F	8000-FFFF	ROM (MIRROR)
F0-FF	0000-FFFF	RAM (MIRROR)

SHVC-2A3B

This PCB is used for 10Mbit, 12Mbit and 16Mbit games with 64K SRAM.

U1	ROM P0
U2	ROM P1
U3	64K SRAM
U4	74LS139
U5	CIC

ROM Registration

FFD5	20H / 30H	Map Mode
FFD6	02H	Cartridge Type
FFD7	0BH	ROM Size
FFD8	03H	RAM Size

PCB Revision: 01

Bank	Address	
00-3F	8000-FFFF	ROM
70-7F	0000-7FFF	RAM
80-BF	8000-FFFF	ROM (MIRROR)
F0-FF	0000-7FFF	RAM (MIRROR)

SHVC-1A1M

This PCB is used for 2Mbit, 4Mbit, 8Mbit, 16Mbit and 32Mbit games with 16K SRAM.

U1	ROM
U2	16K SRAM
U3	MAD-1
U4	CIC

ROM Registration

FFD5	20H / 30H	Map Mode
FFD6	02H	Cartridge Type
FFD7	08H ~ 0CH	ROM Size
FFD8	01H	RAM Size

PCB Revision: 01 (1993), 11 (1993), 20

Bank	Address	
00-7F	8000-FFFF	ROM
70-7F	0000-7FFF	RAM
80-FF	8000-FFFF	ROM (MIRROR)
F0-FF	0000-7FFF	RAM (MIRROR)

SHVC-1A3M

This PCB is used for 2Mbit, 4Mbit, 8Mbit, 16Mbit and 32Mbit games with 64K SRAM.

U1	ROM
U2	64K SRAM
U3	MAD-1
U4	CIC

ROM Registration

FFD5	20H / 30H	Map Mode
FFD6	02H	Cartridge Type
FFD7	08H ~ 0CH	ROM Size
FFD8	03H	RAM Size

PCB Revision: 10 (1993), 20 (1993), 21 (1993), 30 (1993)

Bank	Address	
00-7F	8000-FFFF	ROM
70-7F	0000-7FFF	RAM
80-FF	8000-FFFF	ROM (MIRROR)
F0-FF	0000-7FFF	RAM (MIRROR)

SHVC-1A5M

This PCB is used for 2Mbit, 4Mbit, 8Mbit, 16Mbit and 32Mbit games with 256K SRAM.

U1	ROM
U2	256K SRAM
U3	MAD-1
U4	CIC

ROM Registration

FFD5	20H / 30H	Map Mode
FFD6	02H	Cartridge Type
FFD7	08H ~ 0CH	ROM Size
FFD8	05H	RAM Size

PCB Revision: 01 (1993), 20 (1993)

Bank	Address	
00-7F	8000-FFFF	ROM
70-7F	0000-7FFF	RAM
80-FF	8000-FFFF	ROM (MIRROR)
F0-FF	0000-7FFF	RAM (MIRROR)

SHVC-1A7M

This PCB is used for 2Mbit, 4Mbit, 8Mbit, 16Mbit and 32Mbit games with 1Mbit SRAM.

U1	ROM
U2	512/1024K SRAM
U3	MAD-1
U4	CIC

ROM Registration

FFD5	20H / 30H	Map Mode
FFD6	02H	Cartridge Type
FFD7	08H ~ 0CH	ROM Size
FFD8	06H ~ 07H	RAM Size

PCB Revision: 10 (1994)

Bank	Address	
00-7F	8000-FFFF	ROM
70-7F	0000-7FFF	RAM
80-FF	8000-FFFF	ROM (MIRROR)
F0-FF	0000-7FFF	RAM (MIRROR)

SHVC-2A1M

This PCB is used for 10Mbit, 12Mbit and 16Mbit games with 16K SRAM.

U1	ROM P0
U2	ROM P1
U3	16K SRAM
U4	MAD-1
U5	CIC

ROM Registration

FFD5	20H / 30H	Map Mode
FFD6	02H	Cartridge Type
FFD7	0BH	ROM Size
FFD8	01H	RAM Size

PCB Revision: 01 (1993)

Bank	Address	
00-7F	8000-FFFF	ROM
70-7F	0000-7FFF	RAM
80-FF	8000-FFFF	ROM (MIRROR)
F0-FF	0000-7FFF	RAM (MIRROR)

SHVC-2A3M

This PCB is used for 10Mbit, 12Mbit and 16Mbit games with 64K SRAM.

U1	ROM P0
U2	ROM P1
U3	64K SRAM
U4	MAD-1
U5	CIC

ROM Registration

FFD5	20H / 30H	Map Mode
FFD6	02H	Cartridge Type
FFD7	0BH	ROM Size
FFD8	01H	RAM Size

PCB Revision: 01 (1993), 10 (1993), 11, 20 (1993)

Bank	Address	
00-7F	8000-FFFF	ROM
70-7F	0000-7FFF	RAM
80-FF	8000-FFFF	ROM (MIRROR)
F0-FF	0000-7FFF	RAM (MIRROR)

SHVC-BA1M

This PCB is used for 20Mbit, 24Mbit and 32Mbit games with 16K SRAM.

U1	ROM P0
U2	ROM P1
U3	16K SRAM
U4	MAD-1
U5	CIC

ROM Registration

FFD5	20H / 30H	Map Mode
FFD6	02H	Cartridge Type
FFD7	0CH	ROM Size
FFD8	01H	RAM Size

PCB Revision: 01

Bank	Address	
00-7F	8000-FFFF	ROM
70-7F	0000-7FFF	RAM
80-FF	8000-FFFF	ROM (MIRROR)
F0-FF	0000-7FFF	RAM (MIRROR)

SHVC-BA3M

This PCB is used for 20Mbit, 24Mbit and 32Mbit games with 64K SRAM.

U1	ROM P0
U2	ROM P1
U3	64K SRAM
U4	MAD-1
U5	CIC

ROM Registration

FFD5	20H / 30H	Map Mode
FFD6	02H	Cartridge Type
FFD7	0CH	ROM Size
FFD8	03H	RAM Size

PCB Revision: 01 (1993), 10 (1993), 20

Bank	Address	
00-7F	8000-FFFF	ROM
70-7F	0000-7FFF	RAM
80-FF	8000-FFFF	ROM (MIRROR)
F0-FF	0000-7FFF	RAM (MIRROR)

SHVC-1J0N

This PCB is used for 4Mbit, 8Mbit, 16Mbit and 32Mbit games with no SRAM.

U1	ROM
U2	CIC

ROM Registration

FFD5	21H / 31H	Map Mode
FFD6	00H	Cartridge Type
FFD7	09H ~ 0CH	ROM Size
FFD8	00H	RAM Size

PCB Revision: 01 (1992), 10 (1992), 20 (1992)

Bank	Address	
00-3F	8000-FFFF	ROM (MIRROR)
40-7F	0000-FFFF	ROM
80-BF	8000-FFFF	ROM (MIRROR)
C0-FF	0000-FFFF	ROM (MIRROR)

SHVC-YJ0N

This PCB is used for 5Mbit, 6Mbit and 8Mbit games with no SRAM.

U1	ROM P0
U2	ROM P1
U3	74LS00
U4	CIC

ROM Registration

FFD5	21H / 31H	Map Mode
FFD6	00H	Cartridge Type
FFD7	0AH	ROM Size
FFD8	00H	RAM Size

PCB Revision: 01 (1993)

Bank	Address	
00-3F	8000-FFFF	ROM (MIRROR)
40-7F	0000-FFFF	ROM
80-BF	8000-FFFF	ROM (MIRROR)
C0-FF	0000-FFFF	ROM (MIRROR)

SHVC-2J0N

This PCB is used for 10Mbit, 12Mbit and 16Mbit games with no SRAM.

U1	ROM P0
U2	ROM P1
U3	74LS00
U4	CIC

ROM Registration

FFD5	21H / 31H	Map Mode
FFD6	00H	Cartridge Type
FFD7	0BH	ROM Size
FFD8	00H	RAM Size

PCB Revision: 01 (1992), 11, 20 (1992)

Bank	Address	
00-3F	8000-FFFF	ROM (MIRROR)
40-7F	0000-FFFF	ROM
80-BF	8000-FFFF	ROM (MIRROR)
C0-FF	0000-FFFF	ROM (MIRROR)

SHVC-3J0N

This PCB is used for 20Mbit and 24Mbit games with no SRAM.

U1	ROM P0
U2	ROM P1
U3	ROM P2
U3	74LS139
U4	CIC

ROM Registration

FFD5	21H / 31H	Map Mode
FFD6	00H	Cartridge Type
FFD7	0CH	ROM Size
FFD8	00H	RAM Size

PCB Revision: 01 (1993)

Bank	Address	
00-3F	8000-FFFF	ROM (MIRROR)
40-7F	0000-FFFF	ROM
80-BF	8000-FFFF	ROM (MIRROR)
C0-FF	0000-FFFF	ROM (MIRROR)

SHVC-BJ0N

This PCB is used for 20Mbit, 24Mbit and 32Mbit games with no SRAM.

U1	ROM P0
U2	ROM P1
U3	74LS00
U4	CIC

ROM Registration

FFD5	21H / 31H	Map Mode
FFD6	00H	Cartridge Type
FFD7	0CH	ROM Size
FFD8	00H	RAM Size

PCB Revision: 01 (1992), 10 (1992)

Bank	Address	
00-3F	8000-FFFF	ROM (MIRROR)
40-7F	0000-FFFF	ROM
80-BF	8000-FFFF	ROM (MIRROR)
C0-FF	0000-FFFF	ROM (MIRROR)

SHVC-1J3B

This PCB is used for 4Mbit, 8Mbit and 16Mbit games with 64K SRAM.

U1	ROM
U2	64K SRAM
U3	74LS139
U4	CIC

ROM Registration

FFD5	21H / 31H	Map Mode
FFD6	02H	Cartridge Type
FFD7	09H ~ 0BH	ROM Size
FFD8	03H	RAM Size

PCB Revision: 01

Bank	Address	
00-3F	8000-FFFF	ROM (MIRROR)
20-3F	6000-7FFF	RAM
40-7F	0000-FFFF	ROM
80-BF	8000-FFFF	ROM (MIRROR)
A0-BF	6000-7FFF	RAM (MIRROR)
C0-FF	0000-FFFF	ROM (MIRROR)

SHVC-2J3B

This PCB is used for 10Mbit, 12Mbit and 16Mbit games with 64K SRAM.

U1	ROM P0
U2	ROM P1
U3	64K SRAM
U4	74LS139
U5	74LS00
U6	CIC

ROM Registration

FFD5	21H / 31H	Map Mode
FFD6	02H	Cartridge Type
FFD7	0BH	ROM Size
FFD8	03H	RAM Size

PCB Revision: 01

Bank	Address	
00-3F	8000-FFFF	ROM (MIRROR)
20-3F	6000-7FFF	RAM
40-7F	0000-FFFF	ROM
80-BF	8000-FFFF	ROM (MIRROR)
A0-BF	6000-7FFF	RAM (MIRROR)
C0-FF	0000-FFFF	ROM (MIRROR)

SHVC-1J1M

This PCB is used for 4Mbit, 8Mbit, 16Mbit and 32Mbit games with 16K SRAM.

U1	ROM
U2	16K SRAM
U3	MAD-1
U4	CIC

ROM Registration

FFD5	21H / 31H	Map Mode
FFD6	02H	Cartridge Type
FFD7	09H ~ 0CH	ROM Size
FFD8	01H	RAM Size

PCB Revision: 11 (1993), 20 (1993)

Bank	Address	
00-3F	8000-FFFF	ROM (MIRROR)
20-3F	6000-7FFF	RAM
40-7F	0000-FFFF	ROM
80-BF	8000-FFFF	ROM (MIRROR)
A0-BF	6000-7FFF	RAM (MIRROR)
C0-FF	0000-FFFF	ROM (MIRROR)

SHVC-1J3M

This PCB is used for 4Mbit, 8Mbit, 16Mbit and 32Mbit games with 64K SRAM.

U1	ROM
U2	64K SRAM
U3	MAD-1
U4	CIC

ROM Registration

FFD5	21H / 31H	Map Mode
FFD6	02H	Cartridge Type
FFD7	09H ~ 0CH	ROM Size
FFD8	03H	RAM Size

PCB Revision: 01 (1993), 10, 11 (1993), 20 (1993)

Bank	Address	
00-3F	8000-FFFF	ROM (MIRROR)
20-3F	6000-7FFF	RAM
40-7F	0000-FFFF	ROM
80-BF	8000-FFFF	ROM (MIRROR)
A0-BF	6000-7FFF	RAM (MIRROR)
C0-FF	0000-FFFF	ROM (MIRROR)

SHVC-1J5M

This PCB is used for 4Mbit, 8Mbit, 16Mbit and 32Mbit games with 256K SRAM.

U1	ROM
U2	256K SRAM
U3	MAD-1
U4	CIC

ROM Registration

FFD5	21H / 31H	Map Mode
FFD6	02H	Cartridge Type
FFD7	09H ~ 0CH	ROM Size
FFD8	05H	RAM Size

PCB Revision: 01 (1993), 11 (1993), 20 (1993)

Bank	Address	
00-3F	8000-FFFF	ROM (MIRROR)
20-3F	6000-7FFF	RAM
40-7F	0000-FFFF	ROM
80-BF	8000-FFFF	ROM (MIRROR)
A0-BF	6000-7FFF	RAM (MIRROR)
C0-FF	0000-FFFF	ROM (MIRROR)

SHVC-2J3M

This PCB is used for 10Mbit, 12Mbit and 16Mbit games with 64K SRAM.

U1	ROM P0
U2	ROM P1
U3	64K SRAM
U4	MAD-1
U5	CIC

ROM Registration

FFD5	21H / 31H	Map Mode
FFD6	02H	Cartridge Type
FFD7	0BH	ROM Size
FFD8	03H	RAM Size

PCB Revision: 01 (1993), 10, 11 (1993)

Bank	Address	
00-3F	8000-FFFF	ROM (MIRROR)
10-1F	6000-7FFF	RAM (MIRROR)
30-3F	6000-7FFF	RAM
40-7F	0000-FFFF	ROM
80-BF	8000-FFFF	ROM (MIRROR)
90-9F	6000-7FFF	RAM (MIRROR)
B0-BF	6000-7FFF	RAM (MIRROR)
C0-FF	0000-FFFF	ROM (MIRROR)

SHVC-BJ1M

This PCB is used for 20Mbit, 24Mbit and 32Mbit games with 16K SRAM.

U1	ROM P0
U2	ROM P1
U3	16K SRAM
U4	MAD-1
U5	CIC

ROM Registration

FFD5	21H / 31H	Map Mode
FFD6	02H	Cartridge Type
FFD7	0CH	ROM Size
FFD8	01H	RAM Size

PCB Revision: 10 (1994), 20

Bank	Address	
00-3F	8000-FFFF	ROM (MIRROR)
20-3F	6000-7FFF	RAM
40-7F	0000-FFFF	ROM
80-BF	8000-FFFF	ROM (MIRROR)
A0-BF	6000-7FFF	RAM (MIRROR)
C0-FF	0000-FFFF	ROM (MIRROR)

SHVC-BJ3M

This PCB is used for 20Mbit, 24Mbit and 32Mbit games with 64K SRAM.

U1	ROM P0
U2	ROM P1
U3	64K SRAM
U4	MAD-1
U5	CIC

ROM Registration

FFD5	21H / 31H	Map Mode
FFD6	02H	Cartridge Type
FFD7	0CH	ROM Size
FFD8	03H	RAM Size

PCB Revision: 10 (1994), 20

Bank	Address	
00-3F	8000-FFFF	ROM (MIRROR)
20-3F	6000-7FFF	RAM
40-7F	0000-FFFF	ROM
80-BF	8000-FFFF	ROM (MIRROR)
A0-BF	6000-7FFF	RAM (MIRROR)
C0-FF	0000-FFFF	ROM (MIRROR)

SHVC-LJ3M

This PCB is used for 40Mbit, 48Mbit and 64Mbit games with 64K SRAM.

U1	ROM P0
U2	ROM P1
U3	64K SRAM
U4	MAD-1
U5	CIC

ROM Registration

FFD5	25H / 35H	Map Mode
FFD6	02H	Cartridge Type
FFD7	0DH	ROM Size
FFD8	03H	RAM Size

PCB Revision: 01 (1995)

Bank	Address	
00-3F	8000-FFFF	ROM P1 (MIRROR)
40-7F	0000-FFFF	ROM P1
80-BF	8000-FFFF	ROM P0 (MIRROR)
80-BF	6000-7FFF	RAM
C0-FF	0000-FFFF	ROM P0

SHVC-1B0N

This PCB is used for 2Mbit, 4Mbit and 8Mbit games with no SRAM and a DSP.

U1	ROM
U2	UPD77C25
U3	74LS139
U4	74HCU04
U5	CIC

ROM Registration

FFD5	20H / 30H	Map Mode
FFD6	03H	Cartridge Type
FFD7	08H ~ 0AH	ROM Size
FFD8	00H	RAM Size

PCB Revision: 01, 02 (1990), 03 (1990)

Bank	Address	
00-1F	8000-FFFF	ROM
30-3F	8000-FFFF	DSP
80-9F	8000-FFFF	ROM (MIRROR)
B0-BF	8000-FFFF	DSP (MIRROR)

SHVC-1B3B

This PCB is used for 2Mbit, 4Mbit and 8Mbit games with 64K SRAM and a DSP.

U1	ROM
U2	64K SRAM
U3	UPD77C25
U4	74LS139
U5	74HCU04
U6	CIC

ROM Registration

FFD5	20H / 30H	Map Mode
FFD6	05H	Cartridge Type
FFD7	08H ~ 0AH	ROM Size
FFD8	03H	RAM Size

PCB Revision: 01

Bank	Address	
00-1F	8000-FFFF	ROM
20-3F	8000-FFFF	DSP
70-7F	0000-FFFF	RAM
80-9F	8000-FFFF	ROM (MIRROR)
A0-BF	8000-FFFF	DSP (MIRROR)
F0-FF	0000-FFFF	RAM (MIRROR)

SHVC-2B3B

This PCB is used for 10Mbit, 12Mbit and 16Mbit games with 64K SRAM and a DSP.

U1	ROM P0
U2	ROM P1
U3	64K SRAM
U4	UPD77C25
U5	74LS139
U6	74HCU04
U7	CIC

ROM Registration

FFD5	20H / 30H	Map Mode
FFD6	05H	Cartridge Type
FFD7	0BH	ROM Size
FFD8	03H	RAM Size

PCB Revision: 01

Bank	Address

SHVC-1B5B

This PCB is used for 2Mbit, 4Mbit, and 8Mbit games with 256K SRAM and a DSP.

U1	ROM
U2	256K SRAM
U3	UPD77C25
U4	74LS139
U5	74HCU04
U6	CIC

ROM Registration

FFD5	20H / 30H	Map Mode
FFD6	05H	Cartridge Type
FFD7	08H ~ 0AH	ROM Size
FFD8	05H	RAM Size

PCB Revision: 02 (1991)

Bank	Address	
00-1F	8000-FFFF	ROM (MIRROR)
20-3F	8000-FFFF	DSP
70-7F	0000-FFFF	RAM
80-9F	8000-FFFF	ROM (MIRROR)
A0-BF	8000-FFFF	DSP (MIRROR)
F0-FF	0000-FFFF	RAM (MIRROR)

SHVC-1K0N

This PCB is used for 4Mbit, 8Mbit and 16Mbit games with a DSP.

U1	ROM
U2	UPD77C25
U3	74LS139
U4	74HCU04
U5	CIC

ROM Registration

FFD5	21H / 31H	Map Mode
FFD6	05H	Cartridge Type
FFD7	09H ~ 0BH	ROM Size
FFD8	00H	RAM Size

PCB Revision: 01 (1993)

Bank	Address	
00-3F	8000-FFFF	ROM (MIRROR)
00-1F	6000-7FFF	DSP
40-7F	0000-FFFF	ROM
80-BF	8000-FFFF	ROM (MIRROR)
80-9F	6000-7FFF	DSP (MIRROR)
F0-FF	0000-FFFF	ROM (MIRROR)

SHVC-1K1B

This PCB is used for 4Mbit, 8Mbit and 16Mbit games with 16K SRAM and a DSP.

U1	ROM
U2	16K SRAM
U3	UPD77C25
U4	74LS139
U5	74HCU04
U6	CIC

ROM Registration

FFD5	21H / 31H	Map Mode
FFD6	05H	Cartridge Type
FFD7	09H ~ 0BH	ROM Size
FFD8	01H	RAM Size

PCB Revision: 01 (1992)

Bank	Address	
00-3F	8000-FFFF	ROM (MIRROR)
00-1F	6000-7FFF	DSP
20-3F	6000-7FFF	RAM
40-7F	0000-FFFF	ROM
80-BF	8000-FFFF	ROM (MIRROR)
80-9F	6000-7FFF	DSP (MIRROR)
A0-BF	6000-7FFF	RAM (MIRROR)
F0-FF	0000-FFFF	ROM (MIRROR)

SHVC-1K1X

This PCB is used for 4Mbit, 8Mbit and 16Mbit games with 16K SRAM and a DSP.

U1	ROM
U2	16K SRAM
U3	UPD77C25
U4	MAD-2
U5	CIC

ROM Registration

FFD5	21H / 31H	Map Mode
FFD6	05H	Cartridge Type
FFD7	09H ~ 0BH	ROM Size
FFD8	01H	RAM Size

PCB Revision: 01, 10 (1993)

Bank	Address	
00-1F	8000-FFFF	ROM (MIRROR)
00-1F	6000-7FFF	DSP
20-3F	6000-7FFF	RAM
40-5F	0000-FFFF	ROM
80-9F	8000-FFFF	ROM (MIRROR)
80-9F	6000-7FFF	DSP (MIRROR)
A0-BF	6000-7FFF	RAM (MIRROR)
C0-DF	0000-FFFF	ROM (MIRROR)

SHVC-2K1X

This PCB is used for 10Mbit, 12Mbit and 16Mbit games with 16K SRAM and a DSP.

U1	ROM P0
U2	ROM P1
U3	16K SRAM
U4	UPD77C25
U5	MAD-2
U6	CIC

ROM Registration

FFD5	21H / 31H	Map Mode
FFD6	05H	Cartridge Type
FFD7	0BH	ROM Size
FFD8	01H	RAM Size

PCB Revision: 01

Bank	Address	
00-3F	8000-FFFF	ROM (MIRROR)
00-0F	6000-7FFF	DSP
10-1F	6000-7FFF	RAM (MIRROR)
20-2F	6000-7FFF	DSP (MIRROR)
30-3F	6000-7FFF	RAM
40-7F	0000-FFFF	ROM
80-BF	8000-FFFF	ROM (MIRROR)
80-8F	6000-7FFF	DSP (MIRROR)
90-9F	6000-7FFF	RAM (MIRROR)
A0-AF	6000-7FFF	DSP (MIRROR)
B0-BF	6000-7FFF	RAM (MIRROR)
F0-FF	0000-FFFF	ROM (MIRROR)

SHVC-1C0N

This PCB is used for 4Mbit and 8Mbit games with Mario Chip.

U1	ROM
U2	256K SRAM
U3	MARIO CHIP 1
U4	74LS139
U5	CIC

ROM Registration

FFD5	20H	Map Mode
FFD6	13H	Cartridge Type
FFD7	09H ~ 0AH	ROM Size
FFD8	00H	RAM Size

PCB Revision: 01, 03

Bank	Address	
00-3F	3000-32FF	GSU
00-1F	8000-FFFF	ROM
60-7F	0000-FFFF	RAM
80-BF	3000-32FF	GSU (MIRROR)
80-9F	8000-FFFF	ROM (MIRROR)
E0-FF	0000-FFFF	RAM (MIRROR)

SHVC-1C0N5S / SNSP-1C0N5S

This PCB is used for 4Mbit and 8Mbit games with Mario Chip.

U1	ROM
U2	256K SRAM
U3	MARIO CHIP
U4	74LS139
U5	CIC

ROM Registration

FFD5	20H	Map Mode
FFD6	13H	Cartridge Type
FFD7	09H ~ 0AH	ROM Size
FFD8	00H	RAM Size

PCB Revision: 01 (1993)

Bank	Address	
00-3F	3000-32FF	GSU
00-1F	8000-FFFF	ROM
60-7F	0000-FFFF	RAM
80-BF	3000-32FF	GSU (MIRROR)
80-9F	8000-FFFF	ROM (MIRROR)
E0-FF	0000-FFFF	RAM (MIRROR)

SHVC-1CA0N5S

This PCB is used for 4Mbit, 8Mbit and 16Mbit games with 256K SRAM and Super FX.

U1	ROM
U2	256K SRAM
U3	GSU-1 (-100P)
U4	74HCU04
U5	CIC

ROM Registration

FFD5	20H	Map Mode
FFD6	14H	Cartridge Type
FFD7	09H ~ 0BH	ROM Size
FFBD	05H	Expansion RAM Size

PCB Revision: 01 (1994)

Bank	Address	
00-3F	3000-32FF	GSU
00-3F	6000-7FFF	RAM (1)
00-3F	8000-FFFF	ROM (A)
40-5F	0000-FFFF	ROM (B)
70-71	0000-FFFF	RAM
80-BF	3000-32FF	GSU (MIRROR)
80-BF	6000-7FFF	RAM (1) (MIRROR)
80-BF	8000-FFFF	ROM (A) (MIRROR)
C0-DF	0000-FFFF	ROM (B) (MIRROR)
F0-F1	0000-FFFF	RAM (MIRROR)

SHVC-1CA0N6S

This PCB is used for 4Mbit, 8Mbit and 16Mbit games with 512K SRAM and Super FX.

U1	ROM
U2	512K SRAM
U3	GSU-1(-100P)
U4	74HCU04
U5	CIC

ROM Registration

FFD5	20H	Map Mode
FFD6	14H	Cartridge Type
FFD7	09H ~ 0BH	ROM Size
FFBD	06H	Expansion RAM Size

PCB Revision: 01 (1995)

Bank	Address	
00-3F	3000-32FF	GSU
00-3F	6000-7FFF	RAM (1)
00-3F	8000-FFFF	ROM (A)
40-5F	0000-FFFF	ROM (B)
70-71	0000-FFFF	RAM
80-BF	3000-32FF	GSU (MIRROR)
80-BF	6000-7FFF	RAM (1) (MIRROR)
80-BF	8000-FFFF	ROM (A) (MIRROR)
C0-DF	0000-FFFF	ROM (B) (MIRROR)
F0-F1	0000-FFFF	RAM (MIRROR)

SHVC-1CA6B

This PCB is used for 4Mbit, 8Mbit and 16Mbit games with 512K SRAM and Super FX.

U1	ROM
U2	512K SRAM
U3	GSU-1 (-100P)
U4	74HCU04
U5	CIC

ROM Registration

FFD5	20H	Map Mode
FFD6	15H	Cartridge Type
FFD7	09H ~ 0BH	ROM Size
FFBD	06H	Expansion RAM Size

PCB Revision: 01 (1994)

Bank	Address	
00-3F	3000-32FF	GSU
00-3F	6000-7FFF	RAM (1)
00-3F	8000-FFFF	ROM (A)
40-5F	0000-FFFF	ROM (B)
70-71	0000-FFFF	RAM
80-BF	3000-32FF	GSU (MIRROR)
80-BF	6000-7FFF	RAM (1) (MIRROR)
80-BF	8000-FFFF	ROM (A) (MIRROR)
C0-DF	0000-FFFF	ROM (B) (MIRROR)
F0-F1	0000-FFFF	RAM (MIRROR)

SHVC-1CB0N7S

This PCB is used for 4Mbit, 8Mbit and 16Mbit games with 1Mbit SRAM and Super FX 2.

U1	ROM
U2	512K/1024K SRAM
U3	GSU-2
U4	74HCU04
U5	MM1026AF
U6	CIC

ROM Registration

FFD5	20H	Map Mode
FFD6	14H	Cartridge Type
FFD7	09H ~ 0BH	ROM Size
FFBD	06H / 07H	Expansion RAM Size

PCB Revision: 01 (1995)

Bank	Address	
00-3F	3000-32FF	GSU
00-3F	6000-7FFF	RAM (1)
00-3F	8000-FFFF	ROM (A)
40-5F	0000-FFFF	ROM (B)
70-71	0000-FFFF	RAM
80-BF	3000-32FF	GSU (MIRROR)
80-BF	6000-7FFF	RAM (1) (MIRROR)

SHVC-1CB5B

This PCB is used for 4Mbit, 8Mbit and 16Mbit games with 256K SRAM and Super FX 2.

U1	ROM
U2	256K SRAM
U3	GSU-2
U4	74HCU04
U5	MM1026AF
U6	CIC

ROM Registration

FFD5	20H	Map Mode
FFD6	15H	Cartridge Type
FFD7	09H ~ 0BH	ROM Size
FFBD	05H	Expansion RAM Size

PCB Revision: 01, 20 (1995)

Bank	Address	
00-3F	3000-32FF	GSU
00-3F	6000-7FFF	RAM (1)
00-3F	8000-FFFF	ROM (A)
40-5F	0000-FFFF	ROM (B)
70-71	0000-FFFF	RAM
80-BF	3000-32FF	GSU (MIRROR)
80-BF	6000-7FFF	RAM (1) (MIRROR)

SHVC-1CB7B

This PCB is used for 4Mbit, 8Mbit and 16Mbit games with 1Mbit SRAM and Super FX 2.

U1	ROM
U2	512K/1024K SRAM
U3	GSU-2
U4	74HCU04
U5	MM1026AF
U6	CIC

ROM Registration

FFD5	20H	Map Mode
FFD6	15H	Cartridge Type
FFD7	09H ~ 0BH	ROM Size
FFBD	06H / 07H	Expansion RAM Size

PCB Revision: 01 (1996)

Bank	Address	
00-3F	3000-32FF	GSU
00-3F	6000-7FFF	RAM (1)
00-3F	8000-FFFF	ROM (A)
40-5F	0000-FFFF	ROM (B)
70-71	0000-FFFF	RAM
80-BF	3000-32FF	GSU (MIRROR)
80-BF	6000-7FFF	RAM (1) (MIRROR)

BSC-1A5M

This PCB is used for 8Mbit, 16Mbit, 24Mbit and 32Mbit games with 256K SRAM.

U1	ROM
U2	256K SRAM
U3	MAD-1
U4	CIC

ROM Registration

FFD5	20H / 30H	Map Mode
FFD6	02H	Cartridge Type
FFD7	0AH ~ 0CH	ROM Size
FFD8	05H	RAM Size

PCB Revision: 01 (1995)

Bank	Address	
00-1F	8000-FFFF	ROM (A) *
20-3F	8000-FFFF	ROM (B) *
70-7F	0000-7FFF	RAM
80-9F	8000-FFFF	ROM (C) *
80-9F	8000-FFFF	ROM (B) *
F0-FF	0000-7FFF	RAM (MIRROR)

* 24MBit ROM installed on PCB

BSC-1A7M

This PCB is used for 8Mbit, 16Mbit, 24Mbit and 32Mbit games with 1MBit SRAM.

U1	ROM
U2	512K/1024K SRAM
U3	MAD-1
U4	CIC

ROM Registration

FFD5	20H / 30H	Map Mode
FFD6	02H	Cartridge Type
FFD7	0AH ~ 0CH	ROM Size
FFD8	06H ~ 07H	RAM Size

PCB Revision: 01 (1995)

Bank	Address	
00-1F	8000-FFFF	ROM (A) *
20-3F	8000-FFFF	ROM (B) *
70-7F	0000-7FFF	RAM
80-9F	8000-FFFF	ROM (C) *
80-9F	8000-FFFF	ROM (B) *
F0-FF	0000-7FFF	RAM (MIRROR)

* 24MBit ROM installed on PCB