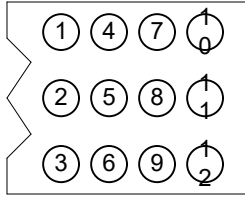


Cinematronics CPU
Board J1



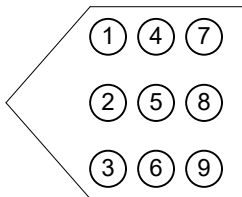
- 1-NU
- 2-NU
- 3-Coin

- 4-(female) GND
- 5-GND
- 6-GND

- 7-NU
- 8-NU
- 9-LED

- 10- +5
- 11- +5
- 12-NU

Cinematronics Sound
Board J1

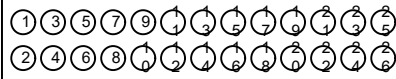


- 1- Volume Pot
- 2- Speaker +
- 3- Volume Pot

- 4- +25v
- 5- Speaker GND
- 6- -25v

- 7- GND
- 8- Volume Pot
- 9- +5 ?

Cinematronics CPU
Board J3



- 1-NU
- 2- +5v

- 3-Sec Inp 0
- 4-Sec Inp 3

- 5-Sec Inp 2
- 6-Sec Inp 1

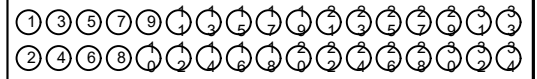
- 7-Sec Inp 6
- 8-Pri Inp 3

- 9-Pri Inp 2
- 10-Pri Inp 1

- 11-Pri Inp 0
- 12-Pri Inp 7

- 13-Pri Inp 6
- 14-Pri Inp 5
- 15-Pri Inp 4
- 16-Pri Inp 11
- 17-Pri Inp 10
- 18-Pri Inp 9
- 19-Pri Inp 8
- 20-Pri Inp 12
- 21-Pri Inp 13
- 22-Pri Inp 14
- 23-Pri Inp 15
- 24-Coin NC
- 25-Coin NO
- 26-GND

Cinematronics CPU
Board J2 Video



- 1-Ydac Bit 1
- 2-Ydac Bit 0
- 3-Ydac Bit 3
- 4-Ydac Bit 2
- 5-Ydac Bit 5
- 6-Ydac Bit 4
- 7-Ydac Bit 7
- 8-Ydac Bit 6
- 9-Ydac Bit 9
- 10-Ydac Bit 8
- 11-Ydac Bit 10
- 12-Intensity
- 13-Ydac Bit 11
- 14-Bright
- 15-GND
- 16-Xdac output
- 17-GND
- 18-Initialize
- 19-Draw
- 20-GND
- 21-Xdac Bit 0
- 22-GND
- 23-Xdac Bit 1
- 24-GND
- 25-Xdac Bit 2
- 26-Xdac Bit 3
- 27-Xdac Bit 4
- 28-Xdac Bit 5
- 29-Xdac Bit 6
- 30-Xdac Bit 7
- 31-Xdac Bit 8
- 32-Xdac Bit 9
- 33-Xdac Bit 10
- 34-Xdac Bit 11

Tailgunner

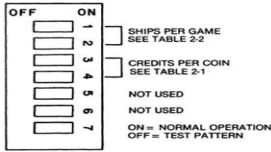
Switches J3

SWITCHES	SHIELD POINTS								OPTIONS: Coins Per Credit	
	15	20	30	40	50	60	70	80	X	X
Switch #1	ON	ON	OFF	OFF	ON	ON	OFF	OFF	X	X
Switch #2	ON	OFF	ON	OFF	ON	OFF	ON	OFF	X	X
Switch #3	X	X	X	X	X	X	X	X	OFF	ON
Switch #4	X	X	X	X	X	X	X	X	X	X
Switch #5	X	X	X	X	X	X	X	X	X	X
Switch #6	ON	ON	ON	ON	OFF	OFF	OFF	OFF	X	X
Switch #7	X	X	X	X	X	X	X	X	X	X

- 14- Fire
- 18- Shield
- 12- Start

Star Castle

Switches J3



SWITCH 4	SWITCH 3	CREDITS / COIN
ON	ON	3/4
OFF	ON	3/2
ON	OFF	1/2
OFF	OFF	1/1

SWITCH 2	SWITCH 1	SHIPS / GAME
ON	ON	6
OFF	ON	5
ON	OFF	4
OFF	OFF	3

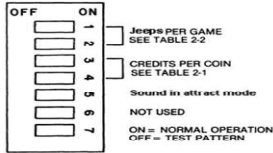
TABLE 2-1

TABLE 2-2

- 20- Fire
- 17- Forward
- 19- Right
- 13- Left
- 11- Start 1
- 9- Start 2

Armor Attack

Switches J3



SWITCH 4	SWITCH 3	CREDITS / COIN
ON	ON	3/4
OFF	ON	3/2
ON	OFF	1/2
OFF	OFF	1/1

SWITCH 2	SWITCH 1	Jeeps / GAME
ON	ON	2
OFF	ON	3
ON	OFF	4
OFF	OFF	5

TABLE 2-1

TABLE 2-2

- 20- P1 Left
- 21- P1 Fire
- 22- P1 Right
- 23- P1 Forward
- 11- P2 Left
- 10- P1 Start
- 9- P2 Right
- 8- P2 Start
- 15- P2 Forward
- 14- P2 Fire

X

X