

ROM BOARD

J3 connector

1	5V
2	5V
3	5V
4	5V
5	GND
6	Key
7	GND
8	GND
9	GND

CPU BOARD

J1 Connector

1	5V
2	5V
3	5V
4	5V
5	GND
6	Key
7	GND
8	GND
9	GND

J2 Connector

1	+Bat. Vin *
2	GND
3	GND
4	KEY
5	Coin Door **

* Indicates Battery Voltage

** Must be tied to 5V to clear CMOS RAM "INVALID SETTINGS MESSAGE"

J3 Connector

1	Red
2	Green
3	Blue
4	GND
5	Horizontal Sync
6	Vertical Sync
7	Composite Syc *

* Jumper W1 inverts polarity

J7 Connector (NOT USED)

1	NC
2	Key
3	NC
4	-LINT2
5	-EXT.LINT
6	SND15
7	SND14
8	SND13
9	SND12
10	GND

J8 Connector

FLAT CABLE TO SOUND BOARD J1

INTERFACE BOARD

J1 Connector

1	5V
2	5V
3	Key
4	GND

J2 Connector

1	NC
2	NC
3	NC
4	NC
5	Key
6	Memory Protect*
7	to Pin 1 SOUND BOARD J2
8	P2 Start
9	P1 Start
10	NC

* to GND to Protect

J3 Connector

1	P2 Rocket
2	P2 Jump
3	P2 Fire
4	P2 Crouch
5	P2 Right
6	P2 Left
7	Key
8	P2 Down
9	P2 Up
10	GND

J4 Connector

1	P1 Rocket
2	P1 Jump
3	P1 Fire
4	P1 Crouch
5	P1 Right
6	P1 Left
7	P1 Down
8	Key
9	P1 Up
10	GND

J5 Connector

1	to Pin 10 SOUND BOARD J2
2	to Pin 9 SOUND BOARD J2
3	to Pin 8 SOUND BOARD J2
4	to Pin 7 SOUND BOARD J2
5	to Pin 6 SOUND BOARD J2
6	Key
7	to Pin 5 SOUND BOARD J2
8	to Pin 4 SOUND BOARD J2
9	to Pin 3 SOUND BOARD J2
10	NC

J6 Connector

1	Extra Coin
2	Vault Switch
3	NC
4	Test / Advance
5	Slam Switch
6	Center Coin
7	Right Coin
8	Left Coin
9	Key
10	NC

SOUND BOARD

J1 Connector

FLAT CABLE TO CPU BOARD J8

J2 Connector

1 to Pin 7 INTERFACE BOARD J2
 2 Key
 3 to Pin 9 INTERFACE BOARD J5
 4 to Pin 8 INTERFACE BOARD J5
 5 to Pin 7 INTERFACE BOARD J5
 6 to Pin 6 INTERFACE BOARD J2
 7 to Pin 5 INTERFACE BOARD J5
 8 to Pin 4 INTERFACE BOARD J5
 9 to Pin 3 INTERFACE BOARD J5
 10 to Pin 2 INTERFACE BOARD J5

J3 Connector

1 5V
 2 GND
 3 -12V Unreg *
 4 Key
 5 +12V Unreg
 6 +12V Unreg
 7 GND
 8 GND
 9 NC

J4 Connector

1 Right Speaker +
 2 Left Speaker +
 3 Audio Return
 4 GND
 5 Key
 6 GND
 7 GND

* Connect to GND both Speakers -

* -5V can be used

J5 Connector

1 Volume Control edge pin
 2 Volume Control middle pin (wiper)
 3 Key
 4 Volume Control edge pin

12V UNREGULATED BOARD FOR SOUND BOARD**J1 Connector**

1 6,3VAC
 2 6,3VAC
 3 Key
 4 10,8VAC
 5 10,8VAC
 6 10,8VAC
 7 10,8VAC
 8 10VAC
 9 10VAC
 10 10VAC

J2 Connector

1 -12V Unreg
 2 Key
 3 12V Unreg
 4 12V Unreg
 5 GND
 6 GND
 7 GND

J3 Connector (GENERAL ILLUMINATION)

1 6,3VAC
 2 6,3VAC