REV	DESCRIPTION	DATE
A	Released to Production	04-26-04

OPTO BOARD J3

(GND) BLK	1	
(+12VDC) YEL	2	
(STROBE C2) BLU-YEL	3	
(STROBE C1) BLU-WHT	4	
KEY	5	
(RETURN #7) BLU-RED	6	
(RETURN #6) BLU-PUR	7	
(RETURN #5) BLU-ORG	8	
(RETURN #4) BLU-GRY	9	
(RETURN #3) BLU-GRN	10	
(RETURN #2) BLU-BRN	11	
(RETURN #1) BLU-BLK	12	

1-640250-2
640252-2

OPTO BOARD J5

1	1	WHT-YEL (ANODE LANE #9)
2	2	BLK (GND)
3	3	KEY
4	4	YEL (+12VDC)
5	5	BLK-YEL (EMITTER LANE #9)

640250-5
640252-2

OPTO BOARD J6

1	1	WHT-BLK (ANODE LANE #8)
2	2	KEY
3	3	BLK (GND)
4	4	YEL (+12VDC)
5	5	BLK-WHT (EMITTOR LANE #8)

640250-5
640252-2

LANE #1

(+14VDC) BLU	1 5	YEL (+12VDC)
(FLASH LAMP #1) BRN-BLK	2 6	BLK (GND)
(12VAC) BRN	3 7	WHT-BLU (ANODE LANE #1)
(GI) ORG	4 8	BLK-BLU (EMITTER #1)

39-01-2080
39-00-0038

LANE #3

(+14VDC) BLU	1 5	YEL (+12VDC)
(FLASH LAMP #3) BRN-GRN	2 6	BLK (GND)
(12VAC) BRN	3 7	WHT-GRN (ANODE LANE #3)
(GI) ORG	4 8	BLK-GRN (EMITTER #3)

39-01-2080
39-00-0038

LANE #2

(+14VDC) BLU	1 5	YEL (+12VDC)
(FLASH LAMP #2) BRN-BLU	2 6	BLK (GND)
(12VAC) BRN	3 7	WHT-BRN (ANODE LANE #2)
(GI) ORG	4 8	BLK-BRN (EMITTER #2)

39-01-2080
39-00-0038

CPU - J3

(TICKET DRIVE) PUR-GRY	1 8	PUR-WHT (CAPSULE DISPENSER)
(BALL DISPENSOR) PUR-BLK	2 9	PUR-BLU (CAPSULE DISPENSOR)
(SOLENOID) PUR-ORG	3 10	-
-	4 11	-
-	5 12	YEL (+12VDC)
(CAPSULE DISPENSOR) PUR-BLU	6 13	PUR-BRN (TICKET METER)
(COIN METER) PUR-GRN	7 14	PUR-WHT (CAPSULE DISPENSOR)

39-01-2140
39-00-0038

CPU - J11

-	1 9	BLU-RED (RETURN #7)
(RETURN #6) BLU-PUR	2 10	-
(RETURN #5) BLU-ORG	3 11	BLU-GRY (RETURN #4)
(RETURN #3) BLU-GRN	4 12	BLU-BRN (RETURN #2)
(RETURN #1) BLU-BLK	5 13	-
(SERIAL STROBE #2) PNK-WHT	6 14	PNK-GRN (SERIAL DATA #2)
(SERIAL CLOCK #2) PNK-BLU	7 15	PNK-RED (SERIAL STROBE #1)
(SERIAL DATA #1) PNK-BRN	8 16	PNK-BLK (SERIAL CLOCK #1)

39-01-2160
39-00-0038

DISPLAY TOP J1

(SERIAL CLOCK #1) PNK-BLK	1	
(SERIAL DATA #1) PNK-BRN	2	
(SERIAL STROBE #1) PNK-RED	3	
KEY	4	
-	5	
(GND) BLK	6	
(+14VDC) BLU	7	

640250-7
640252-2

DISPLAY BOTTOM J1

1	1	PNK-BLU (SERIAL CLOCK #2)
2	2	PNK-GRN (SERIAL DATA #2)
3	3	PNK-WHT (SERIAL STROBE #2)
4	4	KEY
5	5	
6	6	BLK (GND)
7	7	BLU (+14VDC)

640250-7
640252-2

CPU - J5

(+12VDC) YEL	1 7	-
(STROBE C2) BLU-YEL	2 8	-
(STROBE C1) BLU-WHT	3 9	-
-	4 10	-
-	5 11	-
-	6 12	-

39-01-2120
39-00-0038

CABINET TO MAIN INTERCONNECT 1

(GND) BLK	1 7	ORG-WHT (GUMBALL DETECT)
(12VAC) BRN	2 8	ORG-YEL (CAPSULE DETECT)
(GI 6VCT) ORG	3 9	PUR-BLK (BALL DISPENSOR MOTOR)
(COIN SWITCH 0) ORG-BLK	4 10	PUR-BLU (CAPSULE DISPENSOR MOTOR)
(COIN SWITCH 1) ORG-BLU	5 11	PUR-GRY (TICKET DSPENSOR DRIVE)
(TICKET NOTCH) ORG-BRN	6 12	YEL (+12VDC)

39-01-3123
39-00-0040

CABINET TO MAIN INTERCONNECT 2

(AC) BLK-WHT	1 5	GRY (16VAC)
(12VAC) BRN	2 6	GRY (16VAC)
(12VAC) BRN	3 7	WHT-BLK (AC)
(EARTH GND) GRN-YEL	4 8	PUR-WHT (CAPSULE DISPENSE MOTOR)

39-01-3083
39-00-0040

FLASH #12

(+14VDC) BLU	1 2	GRY-BRN (FLASH #12)

A-477
20-214-1

AC ROPE LIGHTS

(AC) BLK-WHT	1 2	WHT-BLK (AC)

1-480699-0
350874-1

FLASH #11

(+14VDC) BLU	1 2	GRY-BLU (FLASH #11)

A-477
20-214-1

LANE #4

(+14VDC) BLU	1 5	YEL (+12VDC)
(FLASH LAMP #4) BRN-GRY	2 6	BLK (GND)
(12VAC) BRN	3 7	WHT-GRY (ANODE LANE #4)
(GI) ORG	4 8	BLK-GRY (EMITTER #4)

39-01-2080
39-00-0038

OPTO BOARD J1

(ANODE LANE #7) WHT-RED	1	
(ANODE LANE #6) WHT-PUR	2	
(ANODE LANE #5) WHT-ORG	3	
(ANODE LANE #4) WHT-GRY	4	
(ANODE LANE #3) WHT-GRN	5	
(ANODE LANE #2) WHT-BRN	6	
(ANODE LANE #1) WHT-BLU	7	
KEY	8	
(GND) BLK	9	

640250-9
640252-2

OPTO BOARD J2

1	1	BLK-RED (EMITTER LANE #7)
2	2	BLK-PUR (EMITTER LANE #6)
3	3	BLK-ORG (EMITTER LANE #5)
4	4	BLK-GRY (EMITTER LANE #4)
5	5	BLK-GRN (EMITTER LANE #3)
6	6	KEY
7	7	BLK-BRN (EMITTER LANE #2)
8	8	BLK-BLU (EMITTER LANE #1)
9	9	YEL (+12VDC)

640250-9
640252-2

LANE #5

(+14VDC) BLU	1 5	YEL (+12VDC)
(FLASH LAMP #5) BRN-ORG	2 6	BLK (GND)
(12VAC) BRN	3 7	WHT-ORG (ANODE LANE #5)
(GI) ORG	4 8	BLK-ORG (EMITTER #5)

39-01-2080
39-00-0038

LANE #6

(+14VDC) BLU	1 5	YEL (+12VDC)
(FLASH LAMP #6) BRN-PUR	2 6	BLK (GND)
(12VAC) BRN	3 7	WHT-PUR (ANODE LANE #6)
(GI) ORG	4 8	BLK-PUR (EMITTER #6)

39-01-2080
39-00-0038

LANE #7

(+14VDC) BLU	1 5	YEL (+12VDC)
(FLASH LAMP #7) BRN-RED	2 6	BLK (GND)
(12VAC) BRN	3 7	WHT-RED (ANODE LANE #7)
(GI) ORG	4 8	BLK-RED (EMITTER #7)

39-01-2080
39-00-0038

LANE #8

(+14VDC) BLU	1 5	YEL (+12VDC)
(FLASH LAMP #8) BRN-WHT	2 6	BLK (GND)
(12VAC) BRN	3 7	WHT-BLK (ANODE LANE #8)
(GI) ORG	4 8	BLK-WHT (EMITTER #8)

39-01-2080
39-00-0038

FLUORESCENT

(AC) BLK	1	
(FIELD GND) GRN-YEL	2	
(AC) WHT	3	

1-480700-0
350687-1

CA-2269
CA-2264

ROPE LIGHT

(AC) WHT	1	
(AC) WHT	2	

1-480698-0
350873-1

CA-2272
CA-2264

AUDIT BOARD J1

(GND) BLK	1	
-	2	
(AUDIT #2) ORG-GRY	3	
(AUDIT #3) ORG-PUR	4	
(AUDIT #4) ORG RED	5	
-	6	
(AUDIT #1) ORG-GRN	7	
KEY	8	
(CAPSULE METER) PUR-BRN	9	
(COIN METER) PUR-GRN	10	
-	11	
(+12VDC) YEL	12	

1-640250-2
640252-2

LANE #9

(+14VDC) BLU	1 5	YEL (+12VDC)
(FLASH LAMP #9) BRN-YEL	2 6	BLK (GND)
(12VAC) BRN	3 7	WHT-YEL (ANODE LANE #9)
(GI) ORG	4 8	BLK-YEL (EMITTER #9)

39-01-2080
39-00-0038

CPU - J6

(16VAC) GRY	1 4	BRN (12VAC)
(16VAC) GRY	2 5	-
(12VAC) BRN	3 6	-

1-480704-0
350536-1

CPU - J1

-	1 10	BLK (GND)
(CAPSULE DETECT) ORG-YEL	2 11	ORG-WHT (GUMBALL DETECT)
-	3 12	-
-	4 13	-
(GND) BLK	5 14	
(COIN 0) ORG-BLK	6 15	ORG-BLU (COIN 1)
(TICKET NOTCH) ORG-BRN	7 16	RED-WHT (DOOR SWITCH)
(AUDIT #1) ORG-GRN	8 17	ORG-GRY (AUDIT #2)
(AUDIT #3) ORG-PUR	9 18	ORG-RED (AUDIT #4)

39-01-2180
39-00-0038

CPU - J7

-	1 3	-
(SPEAKER -) YEL-BLK	2 4	YEL-BLU (SPEAKER +)

39-01-2040
39-00-0038

CPU - J10

-	1 8	-
(+14VDC) BLU	2 9	PUR (AUDIO POWER)
(+14VDC) BLU	3 10	BLU (+14VDC)
(GND) BLK	4 11	BLK (GND)
(GND) BLK	5 12	BLK (GND)
(+12VDC) YEL	6 13	YEL (+12VDC)
-	7 14	PUR (AUDIO POWER)

39-01-2140
39-00-0038

FLUORESCENT

(AC) BLK-WHT	1	
(EARTH GND) GRN-YEL	2	
(AC) WHT-BLK	3	

1-480701-0
350536-1

CPU - J2

(FLASH #4) BRN-GRY	1 11	BRN-PUR (FLASH #6)
(FLASH #5) BRN-ORG	2 12	BRN-GRN (FLASH #3)
-	3 13	BRN-RED (FLASH #7)
-	4 14	BRN-BLU (FLASH #2)
-	5 15	BRN-WHT (FLASH #8)
-	6 16	BRN-BLK (FLASH #1)
(FLASH #9) BRN-YEL	7 17	-
-	8 18	GRY-BRN (FLASH #12)
-	9 19	-
-	10 20	GRY-BLU (FLASH #11)

39-01-2200
39-00-0038

CA-2264
CA-2266

CA-2264
CA-2265 (X9)
CA-2267 (X9)
CA-2268 (X9)

LANE #1-9

(+14VDC) BLU	1 5	YEL (+12VDC)
(FLASH COMMON) GRY-YEL	2 6	BLK (GND)
(12VAC) BRN	3 7	GRY-WHT (ANODE COMMON)
(GI) ORG	4 8	GRY-RED (EMITTER COMMON)

39-01-3083
39-00-0040

FLASH BULB #1

(+14VDC) BLU	1 2	GRY-YEL (FLASH COMMON)

A-477
20-214-1

FLASH BULB #2

(+14VDC) BLU	1 2	GRY-YEL (FLASH COMMON)

A-477
20-214-1

GI BULB #1

(12VAC) BRN	1 2	ORG (12VAC)

A-477
20-214-1

GI BULB #2

(12VAC) BRN	1 2	ORG (12VAC)

A-477
20-214-1

DETECTOR (WHITE)

(ANODE) GRY-WHT	1 2	BLK (GND)

AP-286

EMITTER (BLACK)

(EMITTER) GRY-RED	1 2	YEL (+12VDC)

AP-286

CABINET TO MAIN INTERCONNECT 1

(GND) BLK	1 7	ORG-WHT (GUMBALL DETECT)
(12VAC) BRN	2 8	ORG-YEL (CAPSULE DETECT)
(GI 6VCT) ORG	3 9	PUR-BLK (BALL DISPENSOR MOTOR)
(COIN SWITCH 0) ORG-BLK	4 10	PUR-BLU (CAPSULE DISPENSOR MOTOR)
(COIN SWITCH 1) ORG-BLU	5 11	PUR-GRY (TICKET DISPENSOR DRIVE)
(TICKET NOTCH) ORG-BRN	6 12	YEL (+12VDC)

39-01-2120
39-00-0038

CABINET TO MAIN INTERCONNECT 2

(AC) BLK-WHT	1 5	GRY (16VAC)
(12VAC) BRN	2 6	GRY (16VAC)
(12VAC) BRN	3 7	WHT-BLK (AC)
(EARTH GND) GRN-YEL	4 8	PUR-WHT (CAPSULE DISPENSE MOTOR)

39-01-2080
39-00-0038

TICKET DOOR (OPTION)

(TICKET NOTCH) ORG-BRN	1 3	PUR-GRY (TICKET DRIVE)
(GND) BLK	2 4	YEL (+12VDC)

39-01-2080
39-00-0038

BILL ACCEPTOR (OPTION)

-	1 6	WHT-BLK (AC)
-	2 7	BLK (GND)
-	3 8	ORG-BLU (COIN #1)
(AC) BLK-WHT	4 9	-
-	5	

172332-1
170360-1

LOW TICKET LIGHT (OPTION)

(+12VDC) YEL	1 2	BLK (GND)

03-09-1022
02-09-1117

CAPSULE DETECT INTERCONNECT

(GND) BLK	1 2	ORG-YEL (CAPSULE DETECT)

172343-1
170360-1

GUMBALL DETECT INTERCONNECT

(GND) BLK	1 2	ORG-WHT (GUMBALL DETECT)

172343-1
170360-1

BALL MOTOR INTERCONNECT

(BALL MOTOR) PUR-BLK	1 2	YEL (+12VDC)

172343-1
170360-1

CAPSULE MOTOR INTERCONNECT

(CAPSULE MOTOR) PUR-BLU	1 2	PUR-WHT (CAPSULE MOTOR)

172343-1
170360-1

CA-2266
CA-2324

CAPSULE MOTOR INTERCONNECT

(CAPSULE MOTOR) PUR-BLU	1 2	PUR-WHT (CAPSULE MOTOR)

172336-1
170362-1

CA-2266
CA-2321

CAPSULE DETECT INTERCONNECT

(GND) BLK	1 2	ORG-YEL (CAPSULE DETECT)

172336-1
170362-1

CA-2266
CA-2322

GUMBALL DETECT INTERCONNECT

(GND) BLK	1 2	ORG-WHT (GUMBALL DETECT)

172336-1
170362-1

CA-2266
CA-2323

BALL MOTOR INTERCONNECT

(BALL MOTOR) PUR-BLK	1 2	YEL (+12VDC)

172336-1
170362-1

Sega Game Show
Wiring Pinout
04-26-2004 FPR