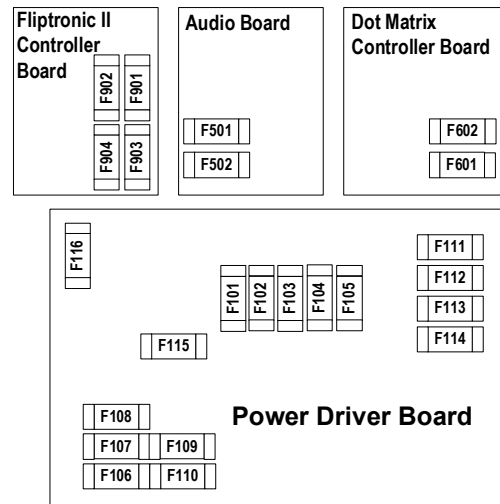


BRAM STOKER'S DRACULA (50001)

FUSE LIST

POWER DRIVER BOARD		
F101	+50V DC General (Left Flipper)	3A, 250V, SB Not Used
F102	+50V DC General (Right Flipper)	3A, 250V, SB Not Used
F103	Solenoids #25 to #28	3A, 250V, SB
F104	Solenoids #9 to #16	3A, 250V, SB
F105	Solenoids #1 to #8	3A, 250V, SB
F106	G.I. #5 White-Violet	5A, 250V, SB
F107	G.I. #4 White-Green	5A, 250V, SB
F108	G.I. #3 White-Yellow	5A, 250V, SB
F109	G.I. #2 White-Orange	5A, 250V, SB
F110	G.I. #1 White-Brown	5A, 250V, SB
F111	Flasher Secondary	5A, 250V, SB
F112	Solenoid Secondary	7A, 250V, SB
F113	+5V Logic	5A, 250V, SB
F114	+18V Lamp Matrix	8A, 32V, N.B.
F115	+12V Switch Matrix	3/4A, 250V, FB
F116	+12V Secondary	3A, 250V, SB
Audio Board		
F501	-25V Circuit	3A, 250V, SB
F502	+25V Circuit	3A, 250V, SB
Dot Matrix Controller Board		
F601	+62V Circuit	3/8A, 250V, FB
F602	-113V & -125V Circuits	3/8A, 250V, FB
LINE FILTER		
Foreign		5A, 250V, SB
Domestic		8A, 250V, SB



Fliptronic II Controller Board		
F901	Upper Right Flipper	3A, 250V, SB
F902	Upper Left Flipper	3A, 250V, SB
F903	Lower Right Flipper	3A, 250V, SB
F904	Lower Left Flipper	3A, 250V, SB

SOLENOID/FLASHER TABLE

Sol No.	Function	Solenoid Type	Voltage Connections			Drive Xistor	Drive Connections			Drive Wire Color	Solenoid Part Number Flashlamp Type	
			Playfield	Backbox	Cabinet		Playfield	Insert	Cabinet		Playfield	Insert
01	SHOOTER	High Power	J107-3			Q82	J130-1			VIO-BRN	AE-23-800	
02	COFFIN POPPER	High Power	J107-3			Q80	J130-2			VIO-RED	AE-24-900	
03	CASTLE POPPER	High Power	J107-3			Q78	J130-4			VIO-ORG	AE-26-1500	
04	RIGHT RAMP DOWN	High Power	J107-3			Q76	J130-5			VIO-YEL	AE-26-1200	
05	CRYPT POPPER	High Power	J107-3			Q64	J130-6			VIO-GRN	AE-25-1500	
06	WIRE RAMP BALL POPPER	High Power	J107-3			Q66	J130-7			VIO-BLU	AE-23-800	
07	KNOCKER	High Power	J107-3			Q68	J130-8			VIO-BLK	AE-23-800	
08	SHOOTER RAMP ENTRY	High Power	J107-2			Q70	J130-9			VIO-GRY	AE-26-1500	
09	LEFT SLINGSHOT	Low Power	J107-2			Q58	J127-1			BRN-BLK	AE-26-1200	
10	RIGHT SLINGSHOT	Low Power	J107-2			Q56	J127-3			BRN-RED	AE-26-1200	
11	LEFT JET BUMPER	Low Power	J107-2			Q54	J127-4			BRN-ORG	AE-26-1200	
12	RIGHT JET BUMPER	Low Power	J107-2			Q52	J127-5			BRN-YEL	AE-26-1200	
13	BOTTOM JET BUMPER	Low Power	J107-2			Q50	J127-6			BRN-GRN	AE-26-1200	
14	RIGHT RAMP UP	Low Power	J107-2			Q48	J127-7			BRN-BLU	SM1-28-900	
15	OUTHOLE	Low Power	J107-2			Q46	J127-8			BRN-VIO	AE-27-1200	
16	TROUGH	Low Power	J107-2			Q44	J127-9			BRN-GRY	AE-26-1200	
17	T.R. CORNER / DRACULA FL	Flasher	J107-6	J106-5		Q42	J126-1	J125-1		BLK-BRN	#906(3)	#906(1)
18	JACKPOT / STOKER FLASHER	Flasher	J107-6	J106-5		Q40	J126-2	J125-2		BLK-RED	#906(1)	#906(1)
19	3-BANK / HOUSE FLASHER	Flasher	J107-6	J106-5		Q38	J126-3	J125-3		BLK-ORG	#89(1)	#906(1)
20	T.L. CORNER / MINA FLASHER	Flasher	J107-6	J106-5		Q36	J126-4	J125-4		BLK-YEL	#89(1) #906(1)	#906(1)
21	CASTLE / HELSING FLASHER	Flasher	J107-6	J106-5		Q28	J126-5	J125-5		BLU-GRN	#89(2)	#906(1)
22	L. RAMP / L. LOGO FLASHER	Flasher	J107-6	J106-5		Q30	J126-6	J125-6		BLU-BLK	#906(1)	#906(1)
23	R. RAMP / R. LOGO FLASHER	Flasher	J107-6	J106-5		Q34	J126-7	J125-7		BLU-VIO	#906(1)	#906(1)
24	ASYLUM / RENFIELD FLASHER	Flasher	J107-6	J106-5		Q32	J126-8	J125-8		BLU-GRY	#89(1)	#906(1)
25	LEFT DROP TARGET	Low Power	J107-1			Q26	*J122-1			BLU-BRN	AE-26-1200	
26	SPEAKER PANEL FLASHER	Low Power		J106		Q24		J128-2		BLU-RED		#906(3)
27	MAGNET	Low Power	J107-1			Q22	*J122-3			WHT-ORG	20-9831	
28	MAGNET'S MOTOR	Low Power	J107-6			Q20	J122-4			BLU-YEL	14-7981	

General Illumination		Voltage Connections			Drive Xistor	Drive Connections			Drive Wire	Bulb Type	
		Playfield	Backbox	Cabinet		Playfield	Backbox	Cabinet		Playfield	Backbox
01	LOWER PLAYFIELD / INSERT	G.I.	J121-1	J120-1	Q18	J121-7	J120-7		WHT-BRN	#555	#555
02	UPPER PLAYFIELD / INSERT	G.I.	J121-2	J120-2	Q10	J121-8	J120-8		WHT-ORG	#555	#555
03	CENTER PLAYFIELD / INSERT	G.I.	J121-3	J120-3	Q14	J121-9	J120-9		WHT-YEL	#555	#555
04	INSERT	G.I.		J120-5	Q16		J120-10		WHT-GRN	#555	#555
05	INSERT	G.I.		J120-6	Q12		J120-11	J119-1	WHT-VIO		#555
Flipper Circuits		Playfield Voltage Connection	Drive Transistors Power	Hold	Playfield Drive Connections	Drive Wire Colors Hold	Coil Part No.	Coil Colors			
	LOWER LEFT FLIPPER	Flipper	J907-6, 7 (GRY-YEL)	Q3	Q9	J902-7, 9	BLU-GRY ORG-BLU	FL-15411	ORANGE		
	LOWER RIGHT FLIPPER	Flipper	J907-8, 9 (BLU-YEL)	Q4	Q11	J902-11, 13	BLU-VIO ORG-GRN	FL-15411	ORANGE		
33	UP / DOWN POST DIVERTER	Up Lt. Fl. Power	J907-2		Q1	J902-3	BLK-BLU	AE-26-1500			
34	RIGHT GATE	Up Lt. Fl. Hold	J907-1		Q5	J902-1	ORG-GRY	AE-26-1500			
35	DIS. CASTLE RELEASE POST	Up Rt. Fl. Power	J907-5		Q2	J902-6	BLK-YEL	AE-26-1500			
36	LEFT BALL GATE ACTUATOR	Up Lt. Fl. Hold	J907-4		Q7	J902-4	ORG-VIO	A-14406			

* J122-1, 3 have tieback diodes at J122-5, 8 respectively.

LAMP MATRIX

Column	Red ← Yellow (B+)							
	1 Yellow-Brown J137-1 Q98	2 Yellow-Red J137-2 Q97	3 Yellow-Orange J137-3 Q96	4 Yellow-Black J137-4 Q95	5 Yellow-Green J137-5 Q94	6 Yellow-Blue J137-6 Q93	7 Yellow-Violet J137-7 Q92	8 Yellow-Gray J137-8 Q91
1 Red-Brown J133-1 Q90	NOT USED	COFFIN LOCK 1	R. LANE: VIDEO "V"	RIGHT RETURN	COFFIN LAMP 1	LEFT SKILL 100K	DRACULA "C"	RATS MODE
2 Red-Black J133-2 Q89	NOT USED	COFFIN LOCK 2	R. LANE: VIDEO "I"	RIGHT DRAIN	COFFIN LAMP 2	MIDDLE SKILL 1 MILLION	DRACULA "L"	DRACULA "A"
3 Red-Orange J133-4 Q88	NOT USED	DRACULA "A"	R. LANE: VIDEO "D"	COFFIN MULTIBALL	MAGNET	RIGHT SKILL 100K	LEFT 3-BANK TOP	TOP-LEFT HOLE: MYSTERY
4 Red-Yellow J133-5 Q87	NOT USED	R. RAMP: 0.5 MILLION	R. LANE: VIDEO "E"	PLAYFIELD 2X	SHOOT AGAIN	TOP 3-LANE LEFT	LEFT 3-BANK MIDDLE	TOP-LEFT HOLE: CARRIAGE
5 Red-Green J133-6 Q86	NOT USED	R. RAMP: 1 MILLION	R. LANE: VIDEO "O"	CASTLE MULTIBALL	LOVE NEVER DIES	TOP 3-LANE MIDDLE	LEFT 3-BANK BOTTOM	TOP-LEFT HOLE: EXTRA BALL
6 Red-Blue J133-7 Q85	R. RAMP LOCK	R. RAMP: 2.5 MILLION	DRACULA "R"	PLAYFIELD 3X	COFFIN LAMP 3	TOP 3-LANE RIGHT	MIDDLE 3-BANK LEFT	TOP-LEFT HOLE: JACKPOT
7 Red-Violet J133-8 Q84	DRACULA FACE	R. RAMP: DOUBLE	LEFT DRAIN	MIST MULTIBALL	L. RAMP ENTER	DRACULA "U"	MIDDLE 3-BANK MIDDLE	LAUNCH BALL
8 Red-Grey J133-9 Q83	R. RAMP: 2 MILLION	R. RAMP: 1.5 MILLION	LEFT RETURN	DRACULA "D"	L. RAMP LOCK	JET INSERT	MIDDLE 3-BANK RIGHT	GAME START

J1XX = Power Driver Board

SWITCH MATRIX

DEDICATED GROUNDED SWITCHES	Column	White → Green								
		1 Green-Brown J207-1 U20-18	2 Green-Red J207-2 U20-17	3 Green-Orange J207-3 U20-16	4 Green-Yellow J207-4 U20-15	5 Green-Black J207-5 U20-14	6 Green-Blue J207-6 U20-13	7 Green-Violet J207-7 U20-12	8 Green-Grey J207-9 U20-11	
Orange-Brown J205-1 LEFT COIN CHUTE U17-5	1 White-Brown J209-1 U18-11	NOT USED	SLAM TILT	UNDER SHOOTER RAMP	TROUGH 1-BALL	OPTO TOP-RIGHT LANE	LEFT JET	OPTO CASTLE POPPER	MAGNET LEFT	BLACK-GREEN J906-1 LOWER RIGHT E.O.S. SWITCH
Orange-Red J205-2 CENTER COIN CHUTE U17-7	2 White-Red J209-2 U18-9	NOT USED	COIN DOOR CLOSED	NOT USED	TROUGH 2-BALLS	OPTO MAGNET LEFT POCKET	RIGHT JET	OPTO COFFIN POPPER	BALL ON MAGNET	BLUE-VIOLET J906-2 LOWER RIGHT FLIPPER OPTO
Orange-Black J205-3 RIGHT COIN CHUTE U17-11	3 White-Orange J209-3 U18-5	START BUTTON	TICKET OPTO.	NOT USED	TROUGH 3-BALLS	OPTO CASTLE 1	BOTTOM JET	OPTO LEFT RAMP ENTRY	MAGNET RIGHT	BLACK-BLUE J906-3 LOWER LEFT E.O.S. SWITCH
Orange-Yellow J205-4 4" COIN CHUTE U17-9	4 White-Yellow J209-4 U18-7	PLUMB BOB TILT	ALWAYS CLOSED	LAUNCH BALL	TROUGH 4-BALLS	OPTO CASTLE 2	LEFT SLING	NOT USED	LEFT RAMP SCORE	BLUE-GRAY J905-2 LOWER LEFT FLIPPER OPTO
Orange-Green J205-6 Normal Function Srv Crdts	5 White-Green J209-5 U19-11	LEFT DROP TARGET	TOP 3-LANE LEFT	LEFT DRAIN	NOT USED	OPTO WIRE RAMP POPPER	RIGHT SLING	NOT USED	LEFT RAMP DIVERTED	BLACK-VIOLET J906-4 UPPER RIGHT E.O.S. SWITCH
Orange-Blue J205-7 Normal Function Volume Dn	6 White-Blue J209-7 U19-9	LEFT DROP SCORE	TOP 3-LANE MIDDLE	LEFT RETURN	NOT USED	OPTO CRYPT POPPER	LEFT 3-BANK TOP	NOT USED	MIDDLE 3-BANK LEFT	BLACK-YELLOW J905-3 UPPER RIGHT FLIPPER OPTO
Orange-Violet J205-8 Normal Function Volume Up	7 White-Violet J209-8 U19-5	SHOOTER LANE	TOP 3-LANE RIGHT	RIGHT RETURN	NOT USED	OPTO CASTLE 3	LEFT 3-BANK MIDDLE	RIGHT RAMP UP	MIDDLE 3-BANK MIDDLE	BLACK-GRAY J906-5 UPPER LEFT E.O.S. SWITCH
Orange-Grey J205-9 Normal Function Begin Test	8 White-Grey J209-9 U19-7	NOT USED	RIGHT RAMP SCORE	RIGHT DRAIN	OUTHOLE	MYSTERY HOLE	LEFT 3-BANK BOTTOM	NOT USED	MIDDLE 3-BANK RIGHT	BLACK-BLUE J905-5 UPPER LEFT FLIPPER OPTO

J2XX = CPU Board = OPTO, TYPICALLY CLOSED