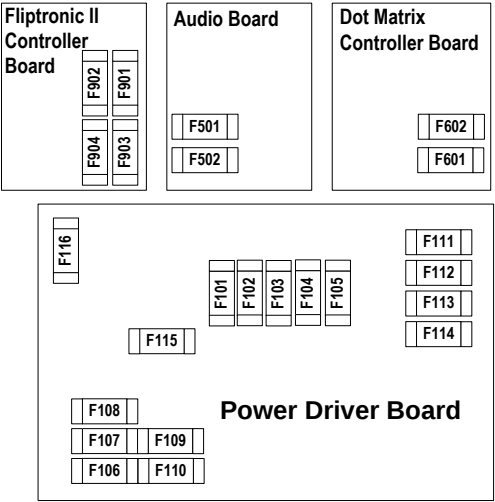


POPEYE (50022)

FUSE LIST

POWER DRIVER BOARD		
F101	+50V DC General (Left Flipper)	3A, (not used)
F102	+50V DC General (Right Flipper)	3A, (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 Lamp Matrix	3/4A, 250V, FB
F116	+12V Secondary	3A, 250V, SB
Audio Board		
F501	-25V	3A, 250V, SB
F502	+25V	3A, 250V, SB
Dot Matrix Controller Board		
F601	+62V	3/8A, 250V, SB
F602	-113V & -125V	3/8A, 250V, SB
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	Coil/Flashlamp Type	
			Playfield	Backbox	Cabinet		Playfield	Backbox	Cabinet		Playfield	Backbox
01	Right Popper	High Power	J107-3			Q82	J130-1			VIO-BRN	AE-26-1200	
02	Left Popper	High Power	J107-3			Q80	J130-2			VIO-RED	AE-24-900	
03	Ball Shooter	High Power	J107-3			Q78	J130-4			VIO-ORG	AE-23-800	
04	Animal Diverter	High Power	J107-3			Q76	J130-5			VIO-YEL	AE-26-1200	
05	Trough Coil	High Power	J107-3			Q64	J130-6			VIO-GRN	AE-26-1500	
06	Lockup Kicker	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	Escalator Popper	High Power	J107-3			Q70	J130-9			VIO-GRY	AE-23-800	
09	Left Jet Bumper	Low Power	J107-2			Q58	J127-1			BRN-BLK	AE-26-1200	
10	Right Jet Bumper	Low Power	J107-2			Q56	J127-3			BRN-RED	AE-26-1200	
11	Center Jet Bumper	Low Power	J107-2			Q54	J127-4			BRN-ORG	AE-26-1200	
12	Left Slingshot	Low Power	J107-2			Q52	J127-5			BRN-YEL	AE-26-1200	
13	Right Slingshot	Low Power	J107-2			Q50	J127-6			BRN-GRN	AE-26-1200	
14	Left Gate	Low Power	J107-2			Q48	J127-7			BRN-BLU	A-14406	
15	Right Gate	Low Power	J107-2			Q46	J127-8			BRN-VIO	A-14406	
16	Lockup Release	Low Power	J107-2			Q44	J127-9			BRN-GRY	AE-26-1500	
17	Wheel Motor	Motor Board	J107-6			Q42	J126-1			BLK-BRN	14-7990	
18	Upper Playfield Left	Flasher	J107-6			Q40	J126-2			BLK-RED	#906, #89(2)	
19	Right Loop Backbox	Flasher	J107-6	J106-5		Q38	J126-3	J125-3		BLK-ORG	#89	#906
20	Fight Bluto	Flasher	J107-6			Q36	J126-4			BLK-YEL	#906, #89(2)	
21	Left Loop Backbox	Flasher	J107-6	J106-5		Q28	J126-5	J125-6		BLU-GRN	#89	#906
22	Animal Ramp	Flasher	J107-6	J106-5		Q30	J126-6	J125-7		BLU-BLK	#906(2)	#906
23	Skill Wheel	Flasher	J107-6	J106-5		Q34	J126-7	J125-8		BLU-VIO	#906	#906
24	Right Popper Backbox Extra Ball	Flasher	J107-6	J106-5		Q32	J126-8	J125-9		BLU-GRY	#906	#906
25	Not Used	Gen. Purpose				Q26				BLU-BRN		
26	Ramp Jackpot	Gen. Purpose	J107-6	J106-5		Q24	J122-2	J124-2		BLU-RED	#89	#906
27	Lockjaw Arrow	Gen. Purpose	J107-6	J106-5		Q22	J122-3	J124-3		BLU-ORG	#89(2)	#906
28	Escalator Backbox Turtle	Gen. Purpose	J107-6	J106-5		Q20	J122-4	J124-5		BLU-YEL	#906	#906
General Illumination			Voltage Connections			Drive Xistor	Drive Connections			Drive Wire	Bulb Type	
			Playfield	Backbox	Cabinet		Playfield	Backbox	Cabinet		Playfield	Backbox
01	Left Playfield	G.I.	J120-1			Q18	J120-7			WHT-BRN	#44	
02	Right Playfield	G.I.	J120-2			Q10	J120-8			WHT-ORG	#44	
03	Backbox General	G.I.		J121-3		Q14		J121-9		WHT-YEL		#555
04	Backbox Title	G.I.		J121-5		Q16		J121-10		WHT-GRN		#555
05	Upper Playfield	G.I.	J120-6		J119-1	Q12	J120-11		J119-3	WHT-VIO	#44	
Flipper Circuits			Playfield Voltage Connection		Drive Transistors		Playfield Drive Connections		Drive Wire Colors		Coil Part No.	Coil Colors
					Power	Hold			Power	Hold		
29	Lower Right Flipper	Power	J907-1 (RED-GRN)		Q4		J902-13		YEL-GRN		FL-11629	BLUE
30		Hold	J907-1 (RED-GRN)			Q11	J902-11		ORG-GRN			
31	Lower Left Flipper	Power	J907-4 (RED-BLU)		Q3		J902-9		YEL-BLU		FL-11629	BLUE
32		Hold	J907-4 (RED-BLU)			Q9	J902-7		ORG-BLU			
33	Upper Right Flipper	Power	J907-6 (RED-VIO)		Q2		J902-6		YEL-VIO		FL-11722	GREEN
34		Hold	J907-6 (RED-VIO)			Q7	J902-4		ORG-VIO			
35	Upper Left Flipper	Power	J907-8 (RED-GRY)		Q1		J902-3		YEL-GRY		FL-11722	GREEN
36		Hold	J907-8 (RED-GRY)			Q5	J902-1		ORG-GRY			

J1XX = Power Driver Board; J9XX = Fliptronic II Board

LAMP MATRIX

Column Row	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-Grey J137-9 Q91
	Left Lane	Island Rhino	Lockjaw	Spillco Oil Co.	Left Loop Arrow	"Sea" Standup	Backbox Tail	Upper Extra Ball
1 Red-Brown J133-1 Q90	11	21	31	41	51	61	71	81
2 Red-Black J133-2 Q89	12	22	32	42	52	62	72	82
3 Red-Orange J133-4 Q88	13	23	33	43	53	63	73	83
4 Red-Yellow J133-5 Q87	14	24	34	44	54	64	74	84
5 Red-Green J133-6 Q86	15	25	35	45	55	65	75	85
6 Red-Blue J133-7 Q85	16	26	36	46	56	66	76	86
7 Red-Violet J133-8 Q84	17	27	37	47	57	67	77	87
8 Red-Grey J133-9 Q83	18	28	38	48	58	68	78	88

J1XX = Power Driver Board

SWITCH MATRIX

DEDICATED GROUNDED SWITCHES	Column Row	1 Green-Brown J206-1 U20-18	2 Green-Red J206-2 U20-17	3 Green-Orange j206-3 U20-16	4 Green-Yellow j206-4 U20-15	5 Green-Black j206-5 U20-14	6 Green-Blue J206-6 U20-13	7 Green-Violet J206-7 U20-12	8 Green-Grey J206-9 U20-11	FLIPPER GROUNDED SWITCHES
		Left Lane	Slam Tilt	Left Popper	Two Bank	Trough 1 (Right)	Left Cheek	Popeye 1st "P"	Upper Exit To Wheel	Black-Green J906-1 Lower Right Flipper E.O.S.
Orange-Brown J205-1 LEFT COIN CHUTE	D1	11	21	31	41	51	61	71	81	F1
Orange-Red J205-2 CENTER COIN CHUTE	D2	12	22	32	42	52	62	72	82	F2
Orange-Black J205-3 RIGHT COIN CHUTE	D3	13	23	33	43	53	63	73	83	F3
Orange-Yellow J205-4 4 TH COIN CHUTE	D4	14	24	34	44	54	64	74	84	F4
Orange-Green J205-6 Normal Function Srv Credits	D5	15	25	35	45	55	65	75	85	F5
Orange-Blue J205-7 Normal Function Volume Dn	D6	16	26	36	46	56	66	76	86	F6
Orange-Violet J205-8 Normal Function Volume Up	D7	17	27	37	47	57	67	77	87	F7
Orange-Grey J205-9 Normal Function Begin Test	D8	18	28	38	48	58	68	78	88	F8

J2XX = CPU Board; J9XX = Fliptronic II Board;

= OPTO, TYPICALLY CLOSED