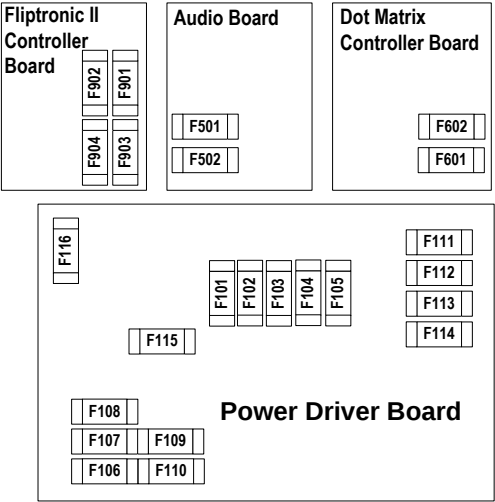


THE FLINTSTONES (50029)

FUSE LIST

POWER DRIVER BOARD		
F101	+50V DC General (Left Flipper)	3A, 250V, SB
F102	+50V DC General (Right Flipper)	3A, 250V, SB
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	Ball Trough	High Power	J107-2			Q82	J130-1			VIO-BRN	AE-26-1500	
02	Ball Shooter	High Power	J107-2			Q80	J130-2			VIO-RED	AE-23-800	
03	Top Diverter Post	High Power	J107-2			Q78	J130-4			VIO-ORG	AE-27-1200	
04	Top Popper	High Power	J107-2			Q76	J130-5			VIO-YEL	AE-23-800	
05	3-Bank Drop Reset	High Power	J107-2			Q64	J130-6			VIO-GRN	AE-26-1200	
06	4-Bank Drop Reset	High Power	J107-2			Q66	J130-7			VIO-BLU	AE-24-900	
07	Knocker	High Power		J107-2		Q68		J130-8		VIO-BLK		AE-23-800
08	Top Diverter	High Power	J107-2			Q70	J130-9			VIO-GRY	AE-27-1200	
09	Right Slingshot	Low Power	J107-3			Q58	J127-1			BRN-BLK	AE-26-1200	
10	Left Slingshot	Low Power	J107-3			Q56	J127-3			BRN-RED	AE-26-1200	
11	Left Jet Bumper	Low Power	J107-3			Q54	J127-4			BRN-ORG	AE-26-1200	
12	Middle Jet Bumper	Low Power	J107-3			Q52	J127-5			BRN-YEL	AE-26-1200	
13	Right Jet Bumper	Low Power	J107-3			Q50	J127-6			BRN-GRN	AE-26-1200	
14	Dictabird	Low Power	J107-3			Q48	J127-7			BRN-BLU	AE-28-1500	
15	Lower Left Diverter	Low Power	J107-3			Q46	J127-8			BRN-VIO	AE-27-1200	
16	Lower Right Diverter	Low Power	J107-3			Q44	J127-9			BRN-GRY	AE-27-1200	
17	Under Left Ramp Flasher	Flasher	J107-6	J106-5		Q42	J126-1	J125-1		BLK-BRN	#89	#906 (2)
18	Under Right Ramp Flasher	Flasher	J107-6	J106-5		Q40	J126-2	J125-2		BLK-RED	#89	#906 (2)
19	Flintstones Flasher	Flasher	J107-6	J106-5		Q38	J126-3	J125-3		BLK-ORG	#906	#906 (2)
20	Popper Ramp Flasher	Flasher	J107-6	J106-5		Q36	J126-4	J125-5		BLK-YEL	#89 (2)	#906 (2)
21	Dino Slide Flasher	Flasher	J107-6	J106-5		Q28	J126-5	J125-6		BLU-GRN	#89	#906 (2)
22	Bowl-O-Rama Flasher	Flasher	J107-6			Q30	J126-6			BLU-BLK	#89, #906	
23	Boulder Machine	Motor	J118-2			Q34	J126-7			BLU-VIO	14-7999	
24	Boulder Machine Flasher	Flasher	J107-6			Q32	J126-8	J125-9		BLU-GRY	#89	
25	Dig Millions Flasher	Gen. Purpose	J107-6			Q26	J122-1			BLU-BRN	#89	
26	Flint Flasher	Gen. Purpose		J106-5		Q24		J124-2		BLU-RED		#906 (3)
27	Stones Flasher	Gen. Purpose		J106-5		Q22		J124-3		BLU-ORG		#906 (3)
28	Fred's Choice Flasher	Gen. Purpose	J107-6			Q20	J122-4			BLU-YEL	#906 (2)	
General Illumination			Voltage Connections			Drive Xistor	Drive Connections			Drive Wire	Bulb Type	
			Playfield	Backbox	Cabinet		Playfield	Backbox	Cabinet		Playfield	Backbox
01	Machine Lighting	G.I.		J120-1		Q18		J120-7		WHT-BRN		#555
02	Flintstones Logo	G.I.	J121-2	J120-2		Q10	J121-8	J120-8		WHT-ORG	#44	#555
03	Upper Playfield & Insert Panel	G.I.	J121-3	J120-3		Q14	J121-9	J120-9		WHT-YEL	#44	#555
04	Middle Playfield & Insert Panel	G.I.	J121-5	J120-5		Q16	J121-10	J120-10		WHT-GRN	#44	#555
05	Lower Playfield & Insert Panel	G.I.	J121-6		J119-3	Q12	J121-11		J119-1	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	Q11	J902-13		YEL-GRN	FL-11629		BLUE
30		Hold	J907-1 (RED-GRN)				J902-11					
31	Lower Left Flipper	Power	J907-4 (RED-BLU)		Q3	Q9	J902-9		YEL-BLU	FL-11629		BLUE
32		Hold	J907-4 (RED-BLU)				J902-7					
33	Upper Right Flipper	Power	J907-6 (RED-VIO)		Q2	Q7	J902-6		YEL-VIO	FL-11629		BLUE
34		Hold	J907-6 (RED-VIO)				J902-4					
35	Right Up/Down Gate	Power	J907-8 (RED-GRY)		Q1	Q5	J902-3		YEL-GRY	A-14406		
36	Left Up/Down Gate	Hold	J907-8 (RED-GRY)				J902-1			ORG-GRY		

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
	1 Red-Brown J133-1 Q90	2 Red-Black J133-2 Q89	3 Red-Orange J133-4 Q88	4 Red-Yellow J133-5 Q87	5 Red-Green J133-6 Q86	6 Red-Blue J133-7 Q85	7 Red-Violet J133-8 Q84	8 Red-Grey J133-9 Q83
1	Top Left Rollover "D"	Upper 3-Bank Left Target	"C"	Bottom "Drain Savers"	Left "Bowling"	Lower Left "Start Job Change"	Right "Dino"	Upper Left "Frenzy"
2	Top Middle Rollover "I"	Upper 3-Bank Center Target	"O"	3-Bank Drop Target "B"	Left & Right 3-Bank Upper Target	Lower Left "Help"	Left & Right Machine Time	Upper Left "Dino"
3	Top Right Rollover "G"	Upper 3-Bank Right Target	"N"	3-Bank Drop Target "E"	Lower left "Frenzy"	Left & Right 3-Bank Middle Target	Right Combo "2"	Left Lane "Bronto Crane"
4	Mystery Mode "?"	Center Lane "Extra Ball"	"C"	3-Bank Drop Target "D"	Lower Left "Dino"	Left & Right 3-Bank Lower Target	Right Combo "3"	Left "Search"
5	Fred's Choice	Center Lane "Search"	"R"	4-Bank Drop Target "R"	Left Combo "3"	Center "Jackpot"	Right Combo "1"	Right Lane "Job Change"
6	"Eat at Joe's" Diner	Center Lane "Drive Thru"	"E"	4-Bank Drop Target "O"	Left Combo "2"	Shoot Again	Right "Bowling"	Left & Right Lane "Start Multiball"
7	Bedrock Water Buffalo	Left Inner Lane "Super Jackpot"	"T"	4-Bank Drop Target "C"	Left Combo "1"	Left "X" On Left Ramp	Right "Frenzy"	Buy-In
8	Dino Frenzy	Left Inner Lane "Playfield 2X"	"E"	4-Bank Drop Target "K"	Lower Left "Start Machine"	Right "X" On Left Ramp	Right "Search"	Start Button

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
		1 White-Brown J208-1 U18-11	2 White-Red J208-2 U18-9	3 White-Orange J208-3 U18-5	4 White-Yellow J208-4 U18-7	5 White-Green J208-5 U19-11	6 White-Blue J208-7 U19-9	7 White-Violet J208-8 U19-5	8 White-Grey J208-9 U19-7	
Orange-Brown J205-1 LEFT COIN CHUTE	D1	Launch Button	Slam Tilt	Trough #1	4-Bank #1 Drop Target	Left & Right 3-Bank Bottom Target	Left Slingshot	Left Outlane Rollover	Not Used	Black-Green J906-1 Lower Right Flipper E.O.S.
Orange-Red J205-2 CENTER COIN CHUTE	D2	Ticket Dispenser	Coin Door Closed	Trough #2	4-Bank #2 Drop Target	Left & Right 3-Bank Center Target	Right Slingshot	Left Return Lane Rollover	Not Used	Black-Violet J905-1 Lower Right Flipper Opto
Orange-Black J205-3 RIGHT COIN CHUTE	D3	Start Button	Extra Ball Button	Trough #3	4-Bank #3 Drop Target	Left & Right 3-Bank Upper Target	Top Left Jet Bumper	Right Return Lane Rollover	Not Used	Black-Blue J906-3 Lower Left Flipper E.O.S.
Orange-Yellow J205-4 4 TH COIN CHUTE	D4	Plump Bob Tilt	Always Closed	Trough #4	4-Bank #4 Drop Target	Lower Left Single Target	Top Right Jet Bumper	Right Outlane Rollover	Not Used	Black-Gray J905-2 Lower Left Flipper Opto
Orange-Green J205-6	D5	Shooter Lane	"Machine" Exit	Trough Jam	3-Bank #1 Target	Right Single Target	Bottom Jet Bumper	Upper Right Lane Rollover	Not Used	Black-Violet J906-4 Upper Right Flipper E.O.S.
Orange-Blue J205-7	D6	Upper 3-Bank Left Target "I"	Upper Left Single Target	Ball Popper	3-Bank #2 Target	Dicta-Bird Target	Top Left Rollover "D"	Upper Right Lane Exit Rollover	Not Used	Black-Yellow J905-3 Upper Right Flipper Opto
Orange-Violet J205-8	D7	Upper 3-Bank Center Target "X"	Left Lane Rollover	Right Ramp Enter	3-Bank #3 Target	Not Used	Top Center Rollover "I"	Right Ramp Exit	Not Used	Black-Gray J906-5 Upper Left Flipper E.O.S.
Orange-Grey J205-9	D8	Upper 3-Bank Right Target "I"	Inner Left Lane Rollover	Left Ramp Enter	Center Lane Rollover	Not Used	Top Right Rollover "G"	Left Ramp Exit	Not Used	Black-Blue J905-5 Upper Left Flipper Opto

J2XX = CPU Board; J9XX = Fliptronic II Board;

= OPTO, TYPICALLY CLOSED