



LED fx Effects Chip 1

The **LED fx Effects Chip 1** is a collection of lighting effects for usage on the **LED fx** board. Each effect is selected from the chip by changing the address switch to the desired effect.

Do you have an effect in mind that we should include or a custom solution that you need made? Visit the web site at <http://www.pboard.ca> and select the **LED fx** support area under the *Products* title.

Value	DIP Switch (S1) Positions							Function Description
	1	2	3	4	5	6	7-10	
0	Up	Up	Up	Up	Up	Up	n/a	On LEDs on left - right. 1Hz Rate
1	Down	Up	Up	Up	Up	Up	n/a	Alternate multiple flashes between D1-D8 and D9-D16
2	Up	Down	Up	Up	Up	Up	n/a	Binary Counting
3	Down	Down	Up	Up	Up	Up	n/a	Left-to-Right LED walking of eight LEDs. 250mS rate
4	Up	Up	Down	Up	Up	Up	n/a	Left-Right walking across both sets of LEDs. 250mS rate
5	Down	Up	Down	Up	Up	Up	n/a	Wig-wag pattern. 250mS rate
6	Up	Down	Down	Up	Up	Up	n/a	Wig-wag pattern. 125mS rate
7	Down	Down	Down	Up	Up	Up	n/a	Wig-wag pattern. 75mS rate
8	Up	Up	Up	Down	Up	Up	n/a	Left-Right & Right-Left LED walking across both sets of eight LEDs. Option 8 quickest, while 15 is slowest
9	Down	Up	Up	Down	Up	Up	n/a	Left-Right & Right-Left LED walking across both sets of eight LEDs. Option 8 quickest, while 15 is slowest
10	Up	Down	Up	Down	Up	Up	n/a	Left-Right & Right-Left LED walking across both sets of eight LEDs. Option 8 quickest, while 15 is slowest
11	Down	Down	Up	Down	Up	Up	n/a	Left-Right & Right-Left LED walking across both sets of eight LEDs. Option 8 quickest, while 15 is slowest
12	Up	Up	Down	Down	Up	Up	n/a	Left-Right & Right-Left LED walking across both sets of eight LEDs. Option 8 quickest, while 15 is slowest
13	Down	Up	Down	Down	Up	Up	n/a	Left-Right & Right-Left LED walking across both sets of eight LEDs. Option 8 quickest, while 15 is slowest
14	Up	Down	Down	Down	Up	Up	n/a	Left-Right & Right-Left LED walking across both sets of eight LEDs. Option 8 quickest, while 15 is slowest
15	Down	Down	Down	Down	Up	Up	n/a	Left-Right & Right-Left LED walking across both sets of eight LEDs. Option 8 quickest, while 15 is slowest
16	Up	Up	Up	Up	Down	Up	n/a	Left-Right & Right-Left LED walking across both sets of LEDs. Speed starts slow and gradually increases
17	Down	Up	Up	Up	Down	Up	n/a	Left-Right & Right-Left LED walking across both sets of eight LEDs. Speed starts slow and increases
18	Up	Down	Up	Up	Down	Up	n/a	Random setting of LEDs on both banks
19	Down	Down	Up	Up	Down	Up	n/a	LEDs light from center towards the edge. 50mS delay
20	Up	Up	Down	Up	Down	Up	n/a	LEDs light from center towards the edge. 25mS delay
21	Down	Up	Down	Up	Down	Up	n/a	Alternating pairs of LEDs toggle in and out on each set of eight. 75mS rate
22	Up	Down	Down	Up	Down	Up	n/a	LEDs light from outside towards centre
23	Down	Down	Down	Up	Down	Up	n/a	Back and forth single LEDs lighting on both LED banks
24	Up	Up	Up	Down	Down	Up	n/a	Strobe effect. 1mS delay
25	Down	Up	Up	Down	Down	Up	n/a	Strobe effect. 5mS delay
26	Up	Down	Up	Down	Down	Up	n/a	Strobe effect. 10mS delay
27	Down	Down	Up	Down	Down	Up	n/a	Strobe effect. 20mS delay
28	Up	Up	Down	Down	Down	Up	n/a	Strobe effect. 30mS delay
29	Down	Up	Down	Down	Down	Up	n/a	Strobe effect. 50mS delay
30	Up	Down	Down	Down	Down	Up	n/a	Strobe effect. 75mS delay
31	Down	Down	Down	Down	Down	Up	n/a	Strobe effect. 100mS delay
32	Up	Up	Up	Up	Up	Down	n/a	Double LEDs moving right to left. 120mS delay
33	Down	Up	Up	Up	Up	Down	n/a	Double LEDs moving right to left. 60mS delay
34	Up	Down	Up	Up	Up	Down	n/a	Double LEDs moving right to left. 40mS delay
35	Down	Down	Up	Up	Up	Down	n/a	Double LEDs moving right to left. 20mS delay
36	Up	Up	Down	Up	Up	Down	n/a	Double LEDs moving right to left. 10mS delay
37	Down	Up	Up	Up	Up	Down	n/a	Left-Right incremental counting