Pulse stretcher
Each output delivers a positive trigger with a pulse width (PW) calculated as PW = 0.45*R*C
1Q PW ranges between 4.5 ms and 49.5 ms
2Q has a fix PW of 45 ms to flash when trigger is detected
The minimum pulse width of the input (positive trigger) is around 20 ns

VCC LED

150 ohm

10 uF

150 kohm   10 kohm

Input

USB TYPE B (provides 5V and ground)

1	*1A	VCC	16
2	1B	1RXCX	15
3	*1R	1CX	14
4	*1Q	1Q	13
5	2Q	*2Q	12
6	2CX	*2R	11
7	2RXCX	2B	10
8	GND	*2A	9

CD74HC123EE4

10 kohm

1 uF

150 ohm

10 kohm

VCC LED

1 VCC
2 D−
3 D+
4 GND

Output