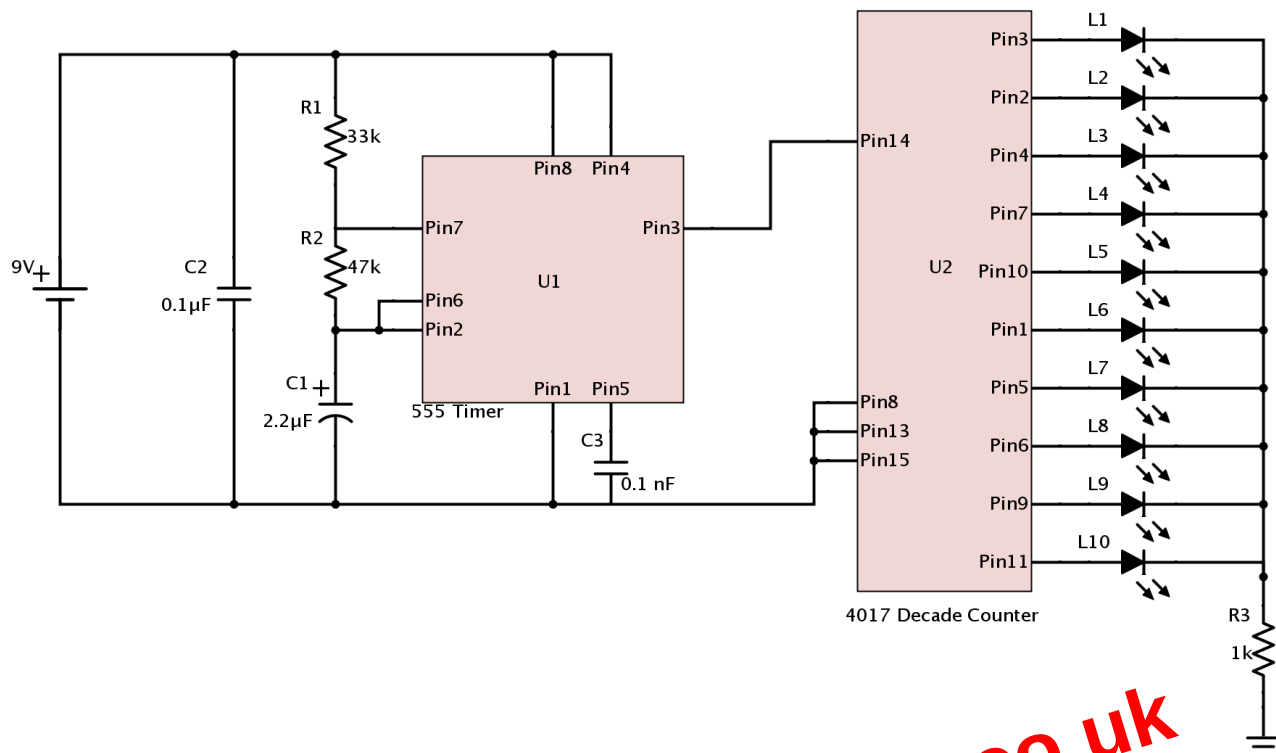


LED chaser



This circuit is a fun light-project where you have 10 lights «running» after each other. The 555 timer makes a signal that the 4017 chip counts. For every count, a new output goes high, and thereby turns on the LED connected to it. R1, R2 and C1 is responsible for the timing. Change one of the values, and the running speed of the lights will change.

Parts list:

Part	Value	Note
R1	33k	
R2	47k	
R3	1k	
C1	0.1 µF	
C2	2.2 µF	
C3	0.1 nF	
L1 to L10	LED	Standard light-emitting diode
U1	555 Timer	
U2	4017 Counter	
Battery	9V	