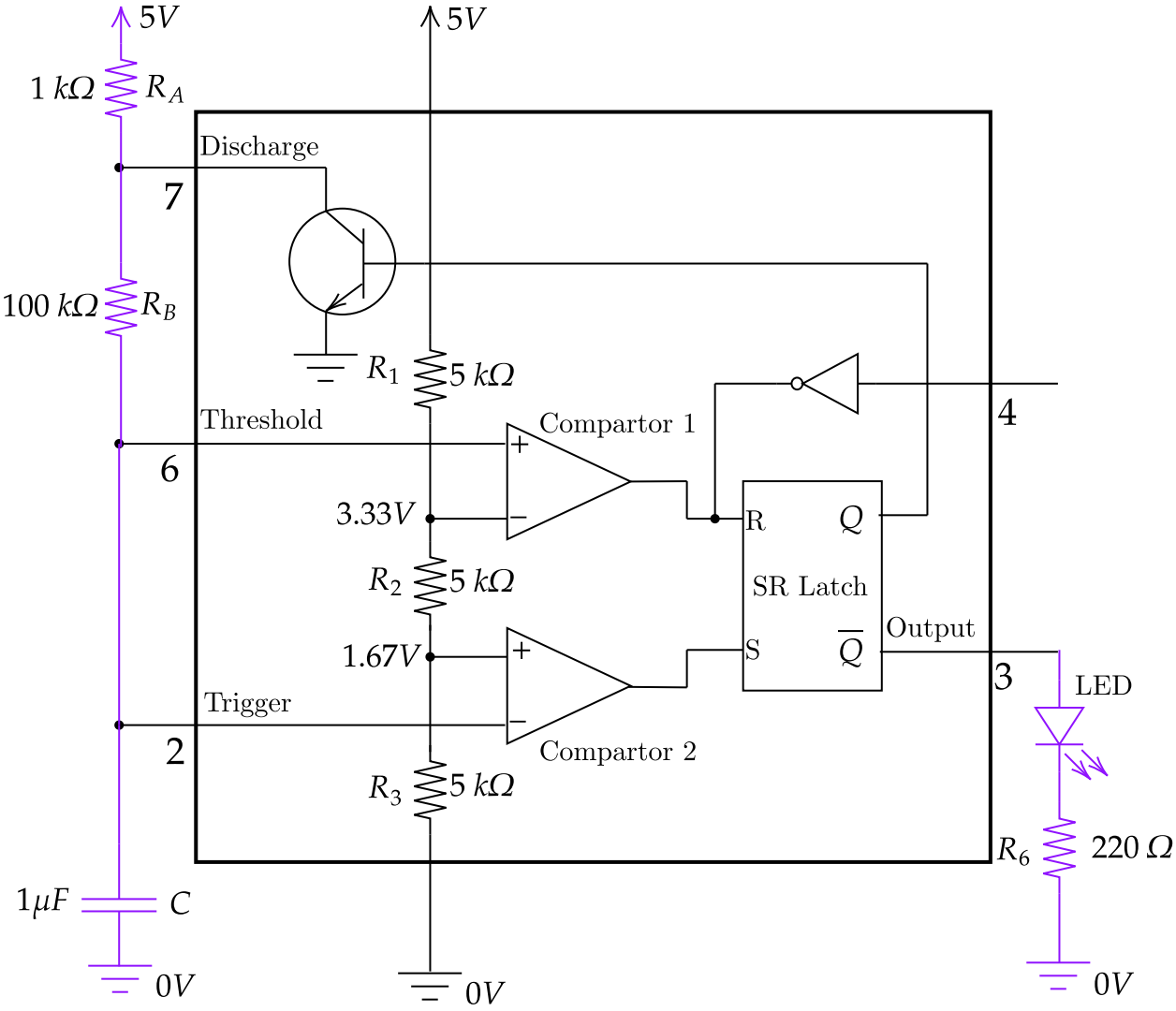
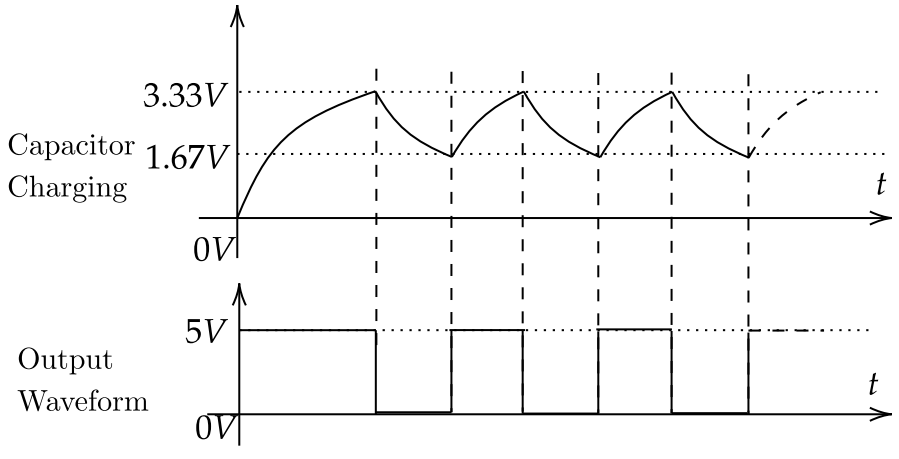
555 TIMER BASED 8 bit COMPUTER CLOCK CIRCUIT

Astable Circuit





Charge Time

$t_1 = 0.693(R_A + R_B)\,C$

Discharge Time

$t_2 = 0.693(R_B)\,C$

8 bit Computer Project

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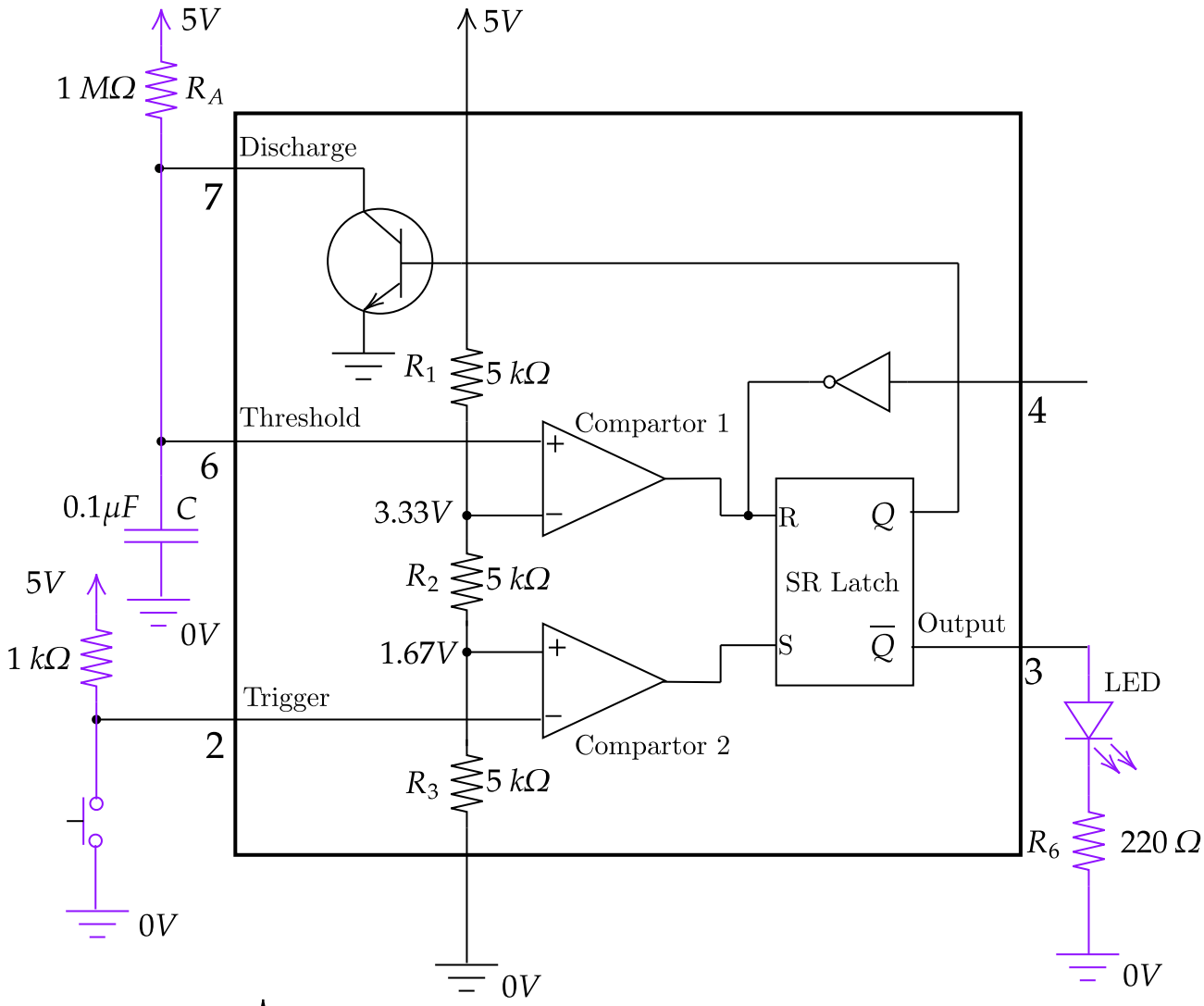
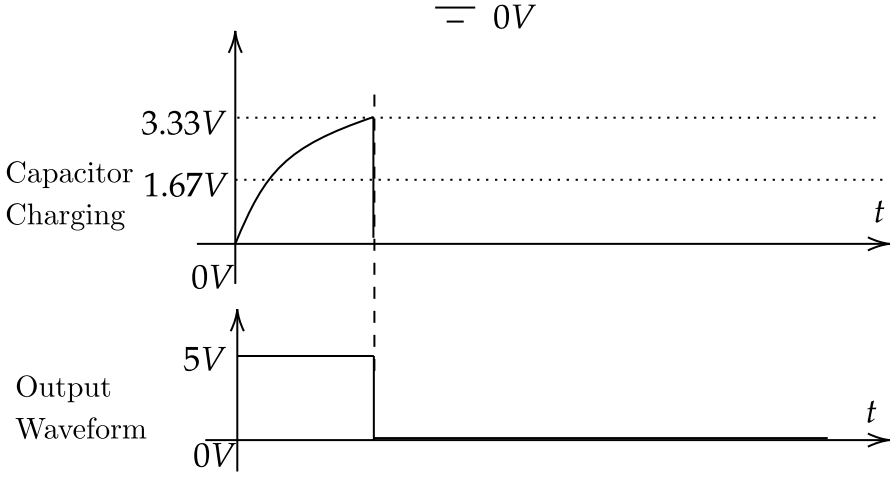
Monostable Circuit

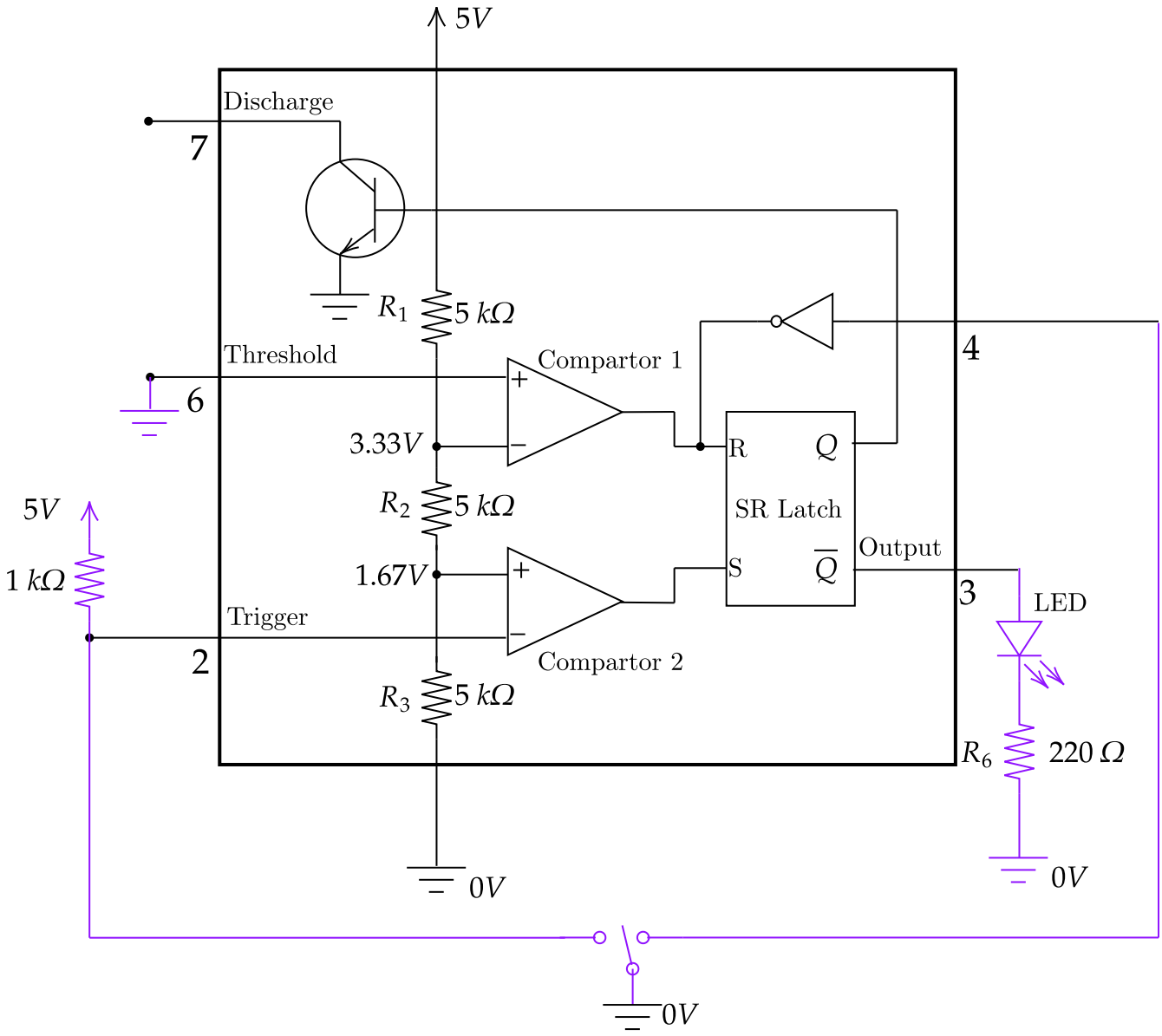




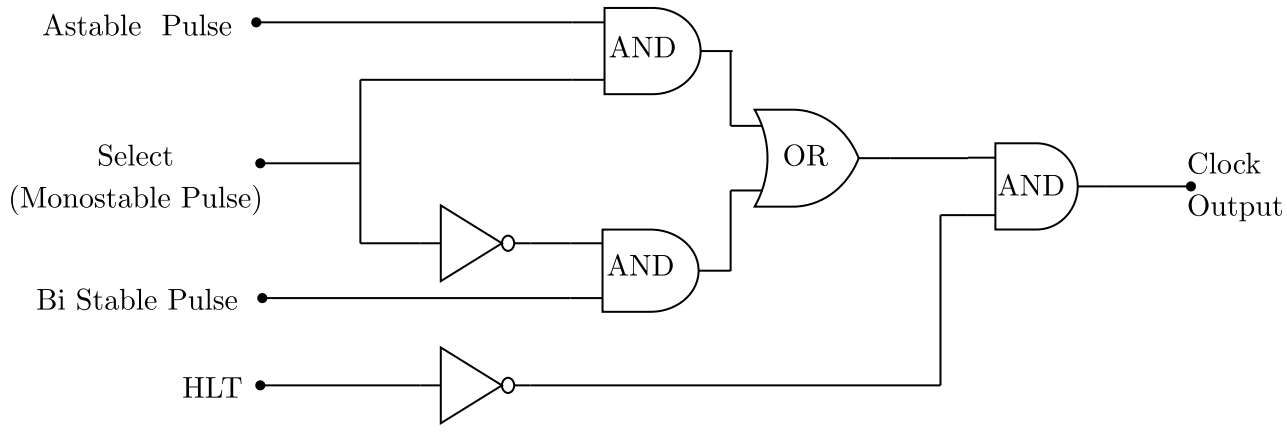
Charge Time

$t_1 = 0.693(R_A)\,C$

Bistable Circuit



Clock Output Circuit



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