



Sustainable Sensors

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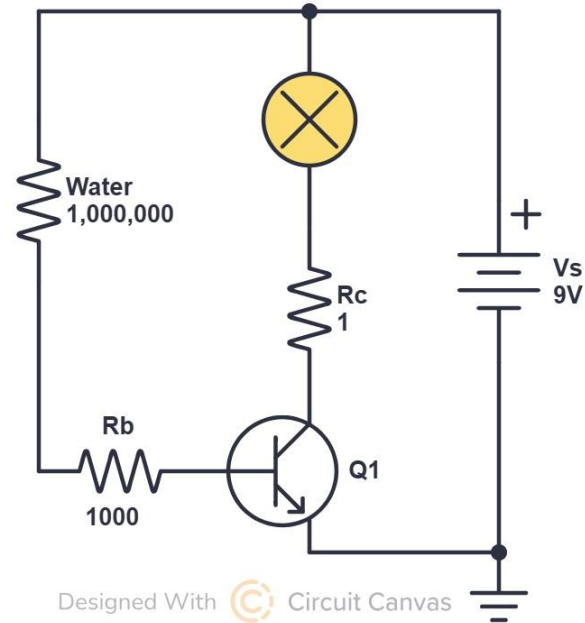
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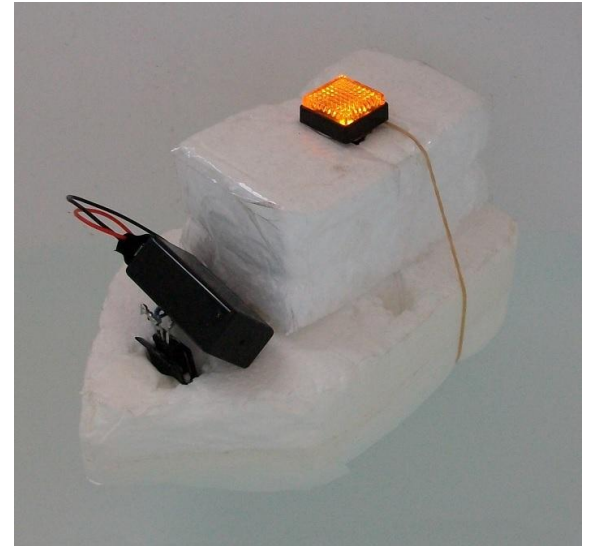
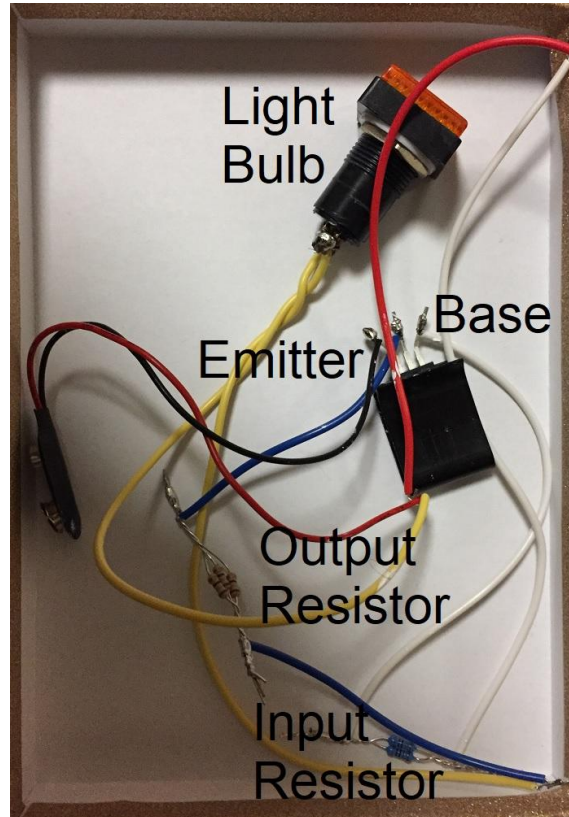
Water Sensor

- This circuit can be made without a transistor.
- However, transistor can drive higher current loads.



Water Sensor

- Circuit photo:



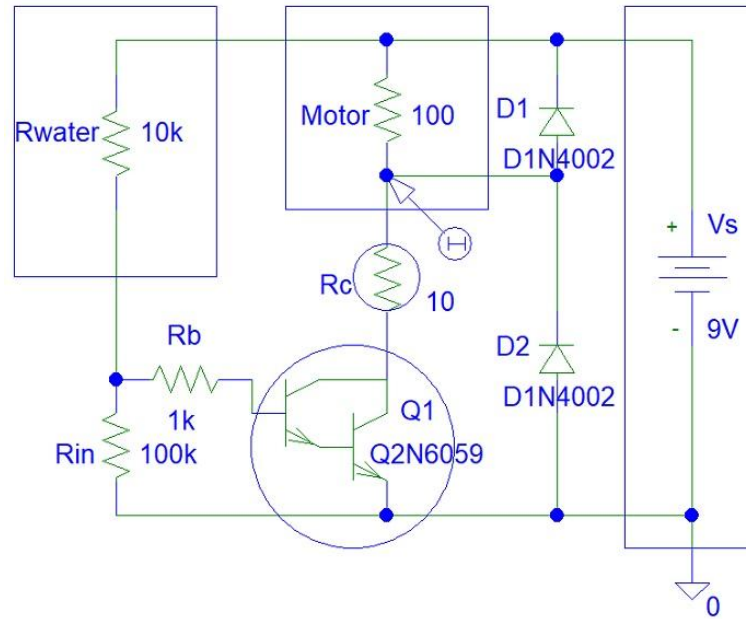


Water Sensor



Water Boat

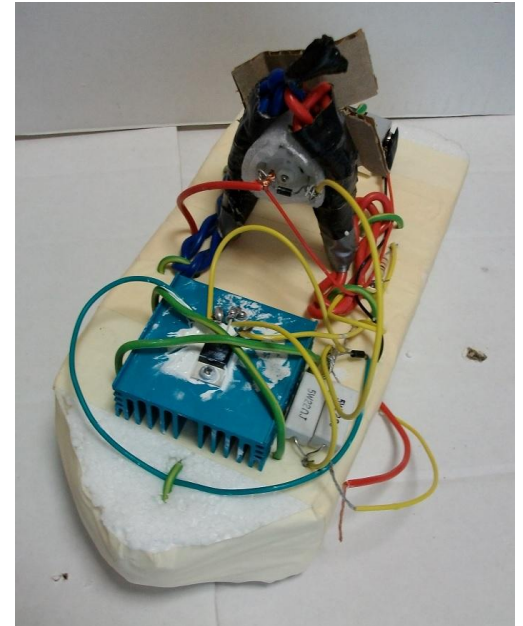
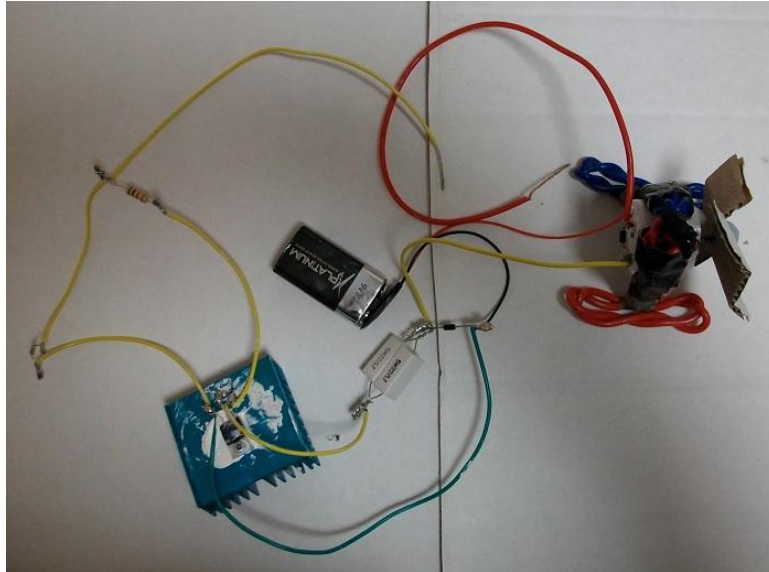
- Circuit:





Water Boat

- Photos:

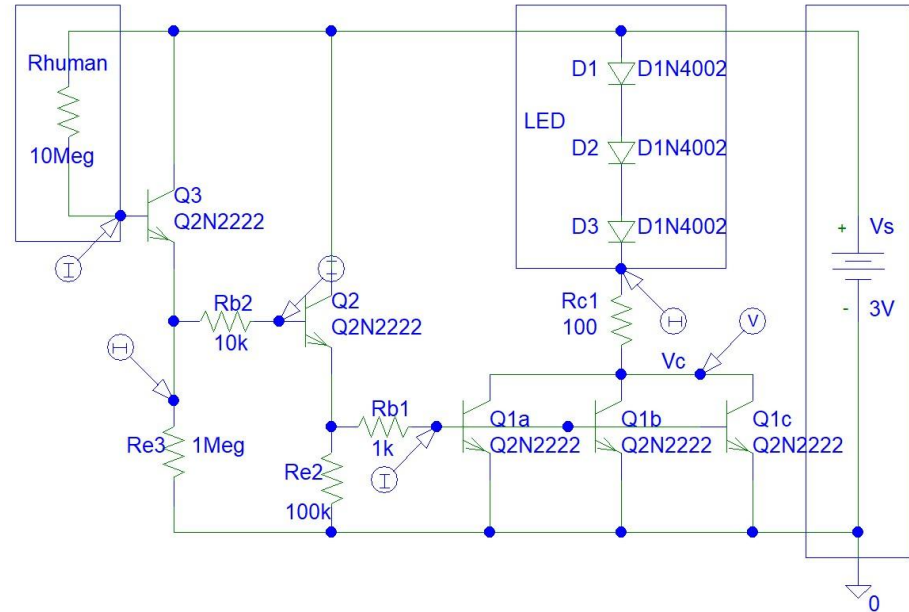


Water Boat



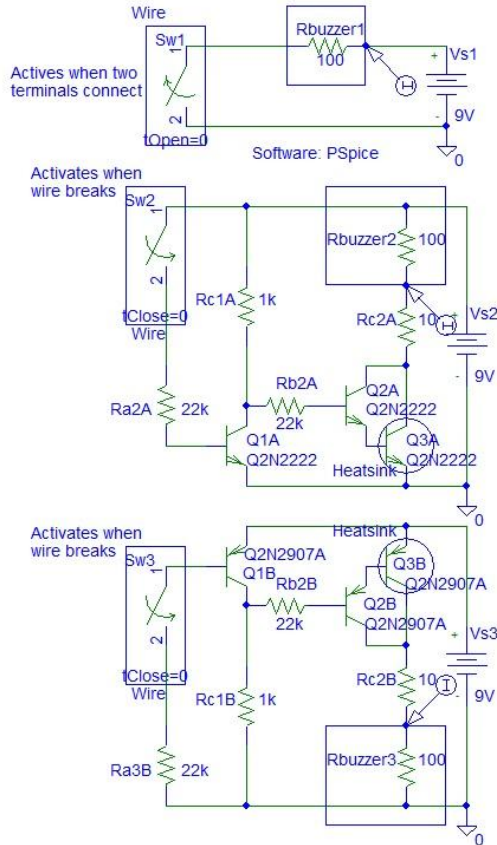
Touch Lamp

- You actually do not need three transistors.
- The circuit can work with two transistors.
- However, used transistors have low current gain.
- Rb2 and Re3 resistors are optional.



Security Systems

- Circuit design:





References

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