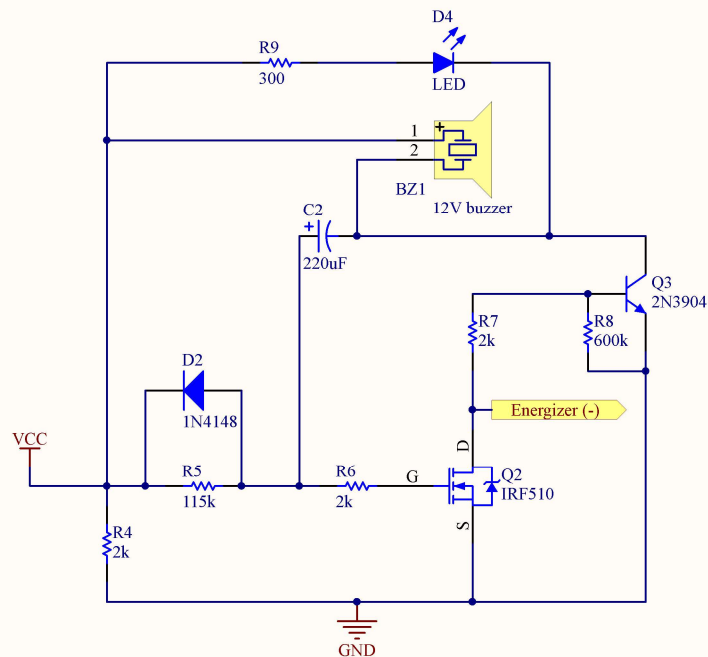
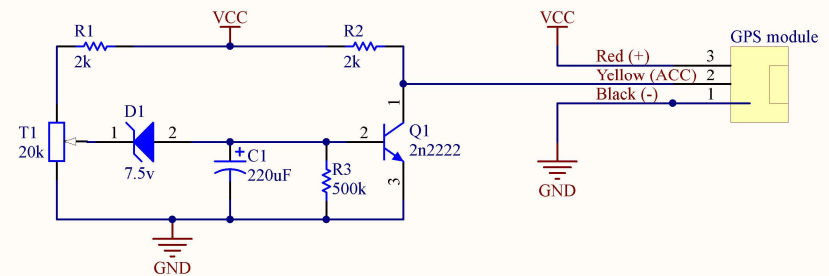


For this project, a simple diode is enough to protect circuit from reverse polarity since that there is a very small current flow.

If the battery level drops below a threshold value (set via T1) a message will be sent by the GPS module



Until the C2 capacitor is not charged, the energizer will stay off. If one of the two wiring between power supply and energizer will be disconnected during the charging time, C2 is discharged through the diode D2 and there will be no fear to be instant electrocuted by wiring the energizer. With this resistors configuration the warming up time is about 12 seconds.

Title <b>Energizer safety circuit</b>			Altium Limited
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Date: 01/03/2021	Time: 11:01:21	Sheet 1 of 1	Author: Davide De Simone
File: Sheet1.SchDoc			Project: electric fence protection circuit.PrjPcb

