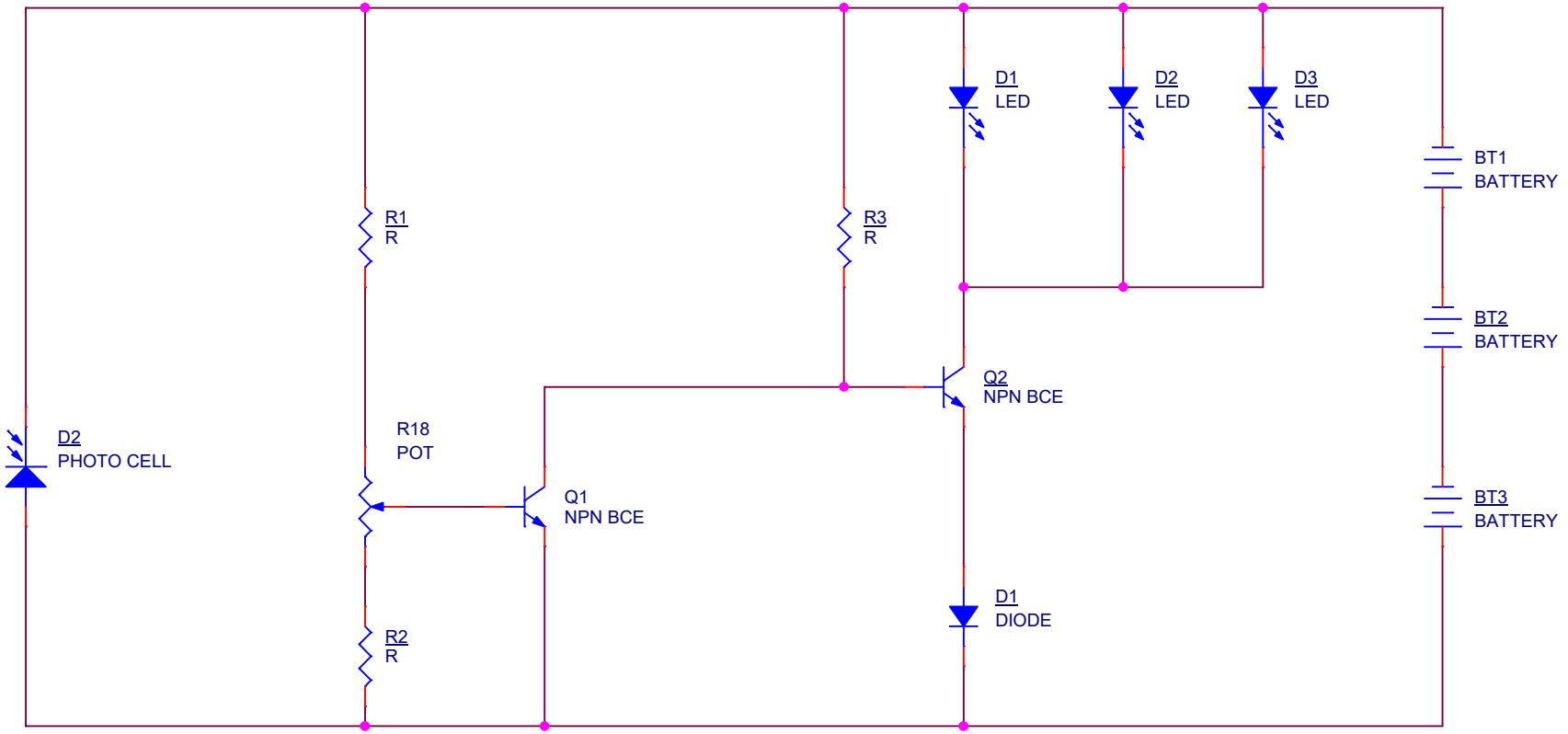

Solar panel D2 double as a photo detector.
R1,R2 and R18 form a volatge divider.
A pot is used to compensate for differences
characterustics of each solar panel
When this divider voltage exceeded the junction voltage
of Vbe Q1, then Q1switch off Q2 which turn LED 1-3 off,
and start to charge the battery bank.
As dusk fall, Q1 turns off, Q2 turns on via R3 which turn on
the LEDs.

Risks 1: Total series resistance of batterys and LED must be
sufficient such Q2 maximum collector currernt not exceeded.
Risk 2: Day time charging current and ambient temperature
could over charge and over heat the battery bank,
Which lead to short life span.

Title: Solar Night Light		
Size: A	Document Number: <Doc>	Rev: 1
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