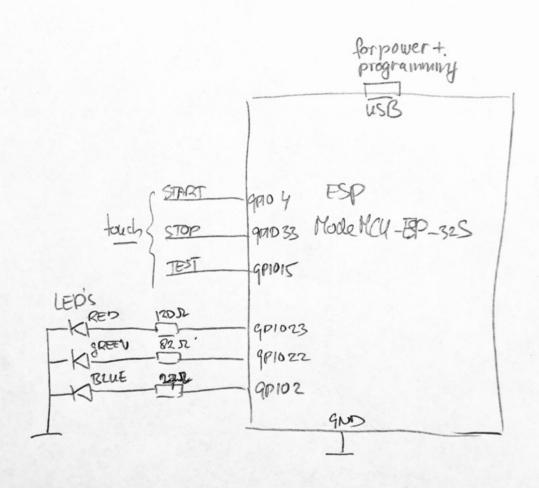
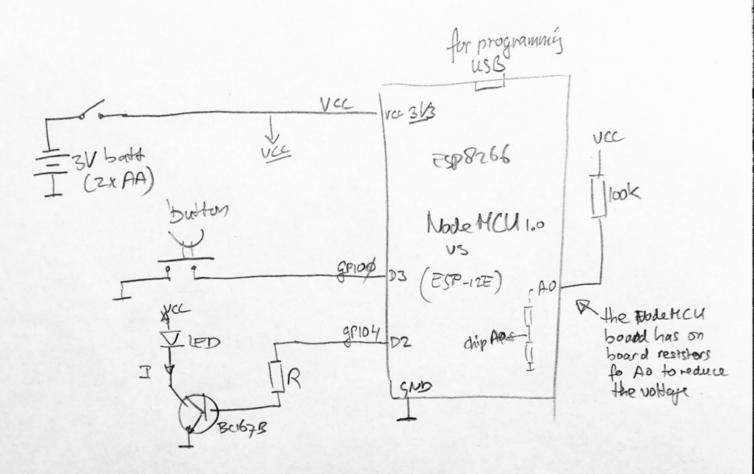
QUIZ HUB ESP32 Based (3rd generation)





Value of R depends on current gain and not based on color LED. Gain factor of transistor (he) can be measured or retrieved from datasheet If you wand your LED to be on with a current of 15 mD, then R is calculated as 23.hfe (in KD).

Example: Insed an old BC1673 with life of 225

= 34.5 = Round to 33k for R