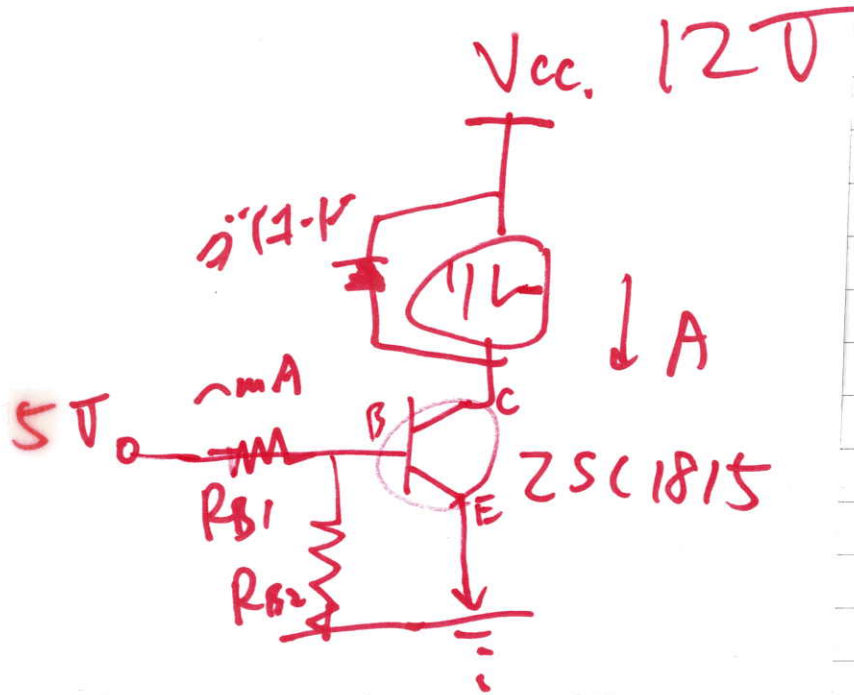


5/31/12 (use of a transistor to control the relay to)



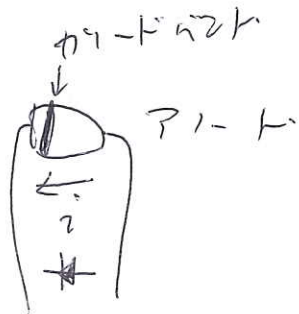
Objective

Pradeep and Tanabe-san are doing trace conditions

CS VS

time gap ~ 0.5 or 1 sec

this signal should be controlled by PC rather than manually



Gray Red Red gold
2 2 2 5%

8.2KΩ

ECB

diode 1S2076A

20181214 #2

relay : Y14H-1C-12DS

• Work on 12V
• 接負容量 1A 24VDC / 0.5A 125VAC

transformer : SP1203 (100V / 12V) 出力 12V 0.3A (used for the electrical shock)

$$V_1 I_1 = V_2 I_2 \text{ の公式から } I_1 = \frac{V_2}{V_1} \times I_2 = \frac{12}{100} \times 0.3 = 0.03$$

∴ the relay is OK to use.