A. When ALM is prohed on

a short is wreted so

goes LOW and R

Therefore, Q stoys HIGH. Therefore, Q goes LOND HIGH B. AAR ALM is released, S. goes bock to HIGH but R and Q both remain HIGH. L. Ord? C. After reset is presed, R goes Low and 5 stays HIGH. As a result, Q goes LOW D. After all poor release, I and S return HIGH and a stays a correct some from woll D. When VB. = O, The Grean LED is on When VB = 5, The Red LEP is On To limit arrest to 10 mA Let Ry = 5/01 = 500 1 PR = 500_2

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