

k = [1, 0, A, B, C, D, #, *] k_i is a given index of k

> TO = Timed Out ST = Start Timer

S0 = No input

S1 = 2 Pressed 1 Time

S2 = 2 Pressed 2 Times

S3 = 2 Pressed 3 Times

S4 = 2 Pressed 4 Times

S5 = 3 Pressed 1 Time

S6 = 3 Pressed 2 Times

S7 = 3 Pressed 3 Times

S8 = 3 Pressed 4 Times

S9 = 4 Pressed 1 Time

S10 = 4 Pressed 2 Times

S11 = 4 Pressed 3 Times

S12 = 4 Pressed 4 Times

S13 = 5 Pressed 1 Time

S14 = 5 Pressed 2 Times

S15 = 5 Pressed 3 Times

S16 = 5 Pressed 4 Times

S17 = 6 Pressed 1 Time

S18 = 6 Pressed 2 Times

S19 = 6 Pressed 3 Times

S20 = 6 Pressed 4 Times

S21 = 7 Pressed 1 Time

S22 = 7 Pressed 2 Times

S23 = 7 Pressed 3 Times

S24 = 7 Pressed 4 Times

S25 = 7 Pressed 5 Times

S26 = 8 Pressed 1 Time

S27 = 8 Pressed 2 Times

S28 = 8 Pressed 3 Times

S29 = 8 Pressed 4 Times

S30 = 9 Pressed 1 Time

S31 = 9 Pressed 2 Times

S32 = 9 Pressed 3 Times

S33 = 9 Pressed 4 Times

S34 = 9 Pressed 5 Times