

SOLDERING

COMPONENTS

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15x1 female header [x2]      >> PCB [Nano]
15x1 male header [x2]        >> Nano
 4x1 female header           >> PCB [LCD1602-I2C]
 8x1 Female Header           >> PCB [RFID]
 8x1 male header              >> RFID
10k ohm potentiometer        >> A1 P in
      LED                      >> LED2 D7
10k ohm resistor              >>>>>>>>>>>> R1
220 ohm resistor              >>>>>>>>>>>> R2
220 ohm resistor              >>>>>>>>>>>> R3
 3.5mm mono jack socket      >>>>>>>>>>>>>>> D5 o1 out
 3.5mm mono jack socket      >> D3 o2 out
 3.5mm mono jack socket      >> T5 o3 out
 3.5mm mono jack socket      >> A2 o4 out
 3.5mm mono jack socket      >> D8 o5 in
2 pins of 4-pin tactile push button switch >> Reset
5x2 male header              >> JP [bridge the second row by soldering]
Vactrol                       >>>>place the heads of an LED and LDR in
                               a heat shrink tube. Heat up the tube and then:
_ LED >> LED 1 [long leg of an LED >> square hole]
_ LDR >> LDR 1
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