

SOLDERING

COMPONENTS

15x1 female header [x2]	>> PCB [Nano]
15x1 male header [x2]	>> Nano
4x1 female header	>> PCB [LCD] 1602-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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