

Reference Designator	Description
C1	Capacitor (100nF)
C2	Capacitor (22uF)
D1	1.0A Rectifier Diode 1N4001
D3	3 in 1 RGB LED
LS1	5V buzzer
M8	Vibration Motor 3V
Q1 Q2	General Purpose Transistor NPN 2N2222
Q3	PNP General Purpose Amplifier MMBT3906
R1 R10 R18 R7 R8 R9	Resistor (10KΩ)
R12	Resistor (1KΩ)
R13	Resistor (100KΩ)
R14	Resistor (22Ω)
R15 R16	Resistor (220Ω)
R17	Resistor (100Ω)
R2 R3 R4 R5 R6	FSR 400 short
SW1 SW2	On-Off switch
U1	Arduino Nano
U10	Generic phone Battery pack
U5	Low Voltage Temperature Sensor - TMP36
U6 U7	Servo motor 9g
U9	Softpot membrane potentiometer (50mm)

Net list

(R1 - 1) (R10 - 1) (R7 - 1) (R8 - 1) (R9 - 1) (SW2 - 2) (U1 - 27) (U5 - 1) (U6 - 2) (U7 - 2) (U9 - 1)

(R18 - 1) (SW2 - 1) (U1 - 5)

(C1 - 2) (D1 - 2) (M8 - 1) (U1 - 17)

(R4 - 1) (R8 - 2) (U1 - 21)

(U1 - 13) (U7 - 1)

(R10 - 2) (R6 - 1) (U1 - 23)

(R5 - 1) (R9 - 2) (U1 - 22)

(D3 - 2) (LS1 - 2) (Q1 - 1) (Q2 - 1) (R18 - 2) (R2 - 2) (R3 - 2) (R4 - 2) (R5 - 2) (R6 - 2) (U1 - 29) (U10 - 1) (U5 - 3) (U6 - 3)

(U7 - 3) (U9 - 2)

(Q2 - 2) (Q3 - 3)

(U1 - 14) (U6 - 1)

(R17 - 1) (U1 - 16)

(R1 - 2) (R2 - 1) (U1 - 19)

(R3 - 1) (R7 - 2) (U1 - 20)

(R16 - 1) (U1 - 9)

(R15 - 1) (U1 - 8)

(C2 - 1) (Q3 - 1) (R13 - 2)

(SW1 - 2) (U10 - 2)

(D3 - 3) (R16 - 2)

(R13 - 1) (U1 - 30)

(U1 - 25) (U5 - 2)

(U1 - 24) (U9 - 3)

(C1 - 1) (D1 - 1) (M8 - 2) (Q1 - 3)

(C2 - 2) (Q2 - 3) (R14 - 1)

(Q3 - 2) (R14 - 2) (SW1 - 1)

(R12 - 1) (U1 - 12)

(D3 - 1) (R15 - 2)

(LS1 - 1) (R17 - 2)

(Q1 - 2) (R12 - 2)