Exhaust Tubing Left

Left Speaker

Q1
PN2222A

LS1
Speaker

GND

Touch Sensor(switch engine sound mode)

+5V

U2
TSIC206-TO92
V+
GND Signal

VBat
9V
GND

A1
Arduino_UNO_R3
VIN 3V3 +5V

Right Speaker

Q2
PN2222A

LS2
Speaker

GND

Exhaust Tubing Right

+5V

U1
TPS60500DGS
VIN VOUT
EN
GND C1+
C1-
C2+
C2-
GND
FB
PG

D0/RX   RESET
D1/TX   IOREF
D2   AREF
D3
D4
D5   A0
D6   A1
D7   A2
D8   A3
D9   SDA/A4
D10   SCL/A5
D11
D12   SDA/A4
D13   SCL/A5
GND GND GND

Throttle position sensor (adjust engine volume)

GND

R1
220

R2
220

LED   LED
EngineMode1 EngineMode2

GND

LEDs(Display Selected Engine Sound Mode)

1 1

Exhaust system for electric cars
10/30/2024