Components:

Nucleo F446RE

BUZ 1

D1 = 1N4118

D2 = Led Green

D3 = Led Green

D4 = 1N4148

DASH\_PIN\_1 = CONN-SIL5

DASH\_PIN\_2 = CONN-SIL5

DASH\_PIN\_3 = CONN-SIL5

DASH\_PIN\_4 = CONN-SIL5

J1 = CONN-SLI8

J2 = CONN-SLIL10

J3 = CONN-SLI6

J4 = CONN-SIL8

J6 = CONN-SIL2

Q1 = BC337

Q2 = BC327

Q3 = BC337

Q4 = BC337

Q5 = BV327

Q7 = BC327

R3 = 4K7 ohm

R4 = 4K7 ohm

R5 = 10K ohm

R6 = 10K

R7 = 4K7 ohm

R8 = 4K7 ohm

R9 = 4K7 ohm

R14 = 220 ohm

R15 = 15 K ohm

RL1 = G4W-111P-24V

RL2 = G4W-111P-24V

TACHY\_PIN = CONN-SIL3

U1 = ULN2803

U2 = ULN2803