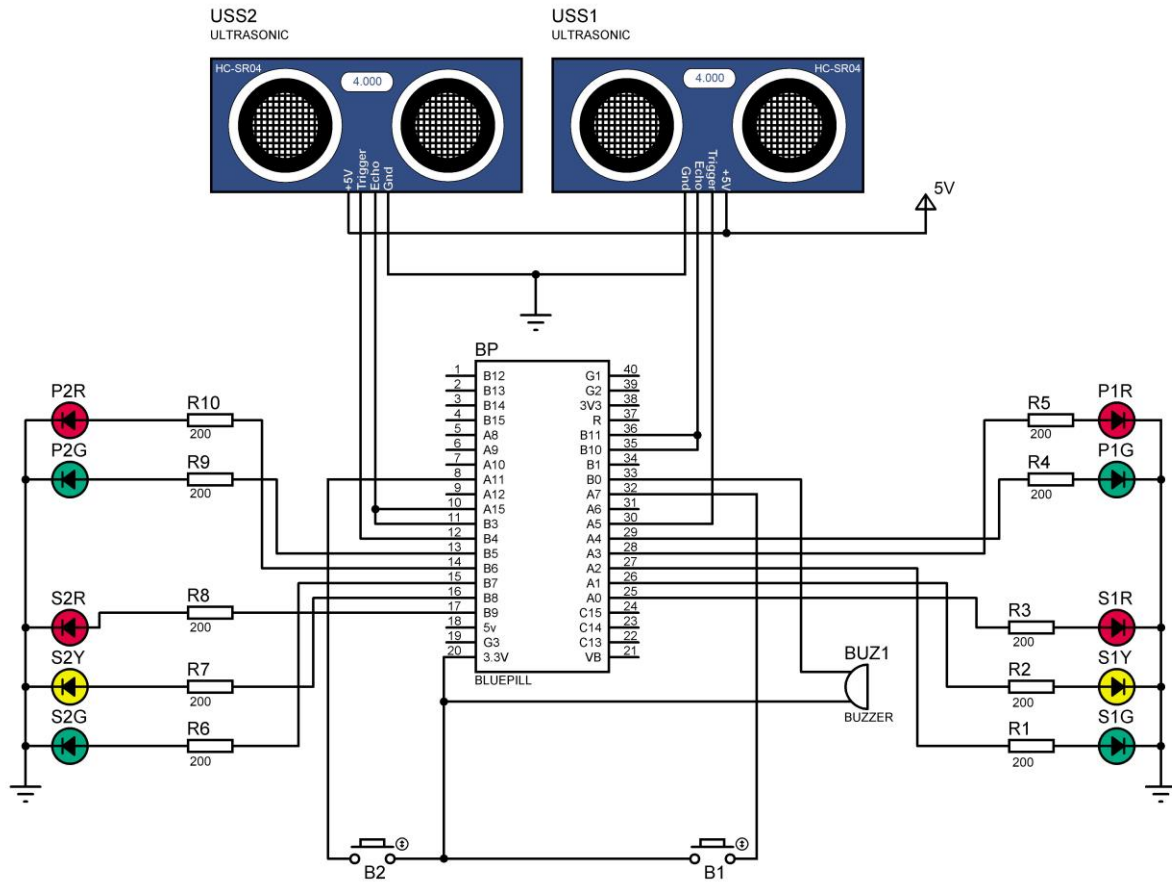


# SEMÁFORO INTELIGENTE

Daniel Araújo Chaves Souza

Breno De Souza Almeida Barroso

## ESQUEMATICO



- $P_{1R}, P_{2R}, S_{1R}, S_{2R}$ : LED vermelho;
- $P_{1G}, P_{2G}, S_{1G}, S_{2G}$ : LED verde;
- $S_{1Y}, S_{2Y}$ : LED amarelo;
- $U_{SS1}, U_{SS2}$ : Sensor de Distância Ultrassônico HC-SR04;
- $B_1, B_2$ : Chave tátil;
- Resistores:  $200\Omega$
- $Buz_1$ : Buzzer