Blip/Blop Part List

Parts may be subject to small changes as development continues.

Both of these boards use similar components. Blip, for the most part, uses "breakout" style variants of the more core sensors on Blop. While links are provided for most major parts, buying them from those specific companies is not required. Especially with the smaller components like resistors and capacitors, most parts can be bought from any major distributor(Digikey, Mouser, etc)

Blip:
- Teesny 3.2
- MPU6050 / GY-521 IMU
- BMP280 Barometer
- MicroSD Card Holder
- SPI Flash Chip
- 4x N Channel MOSFET
- Tri-Color LED
- Buzzer
- 6x Terminal Block
- 5V Regulator
- Header Pins
- Servo Pins
- 6x 1 ohm axial resistors
- 5x 470 ohm axial resistors
- 1x 1M ohm axial resistor
- 1x 100k ohm axial resistor
- 1x 40 ohm axial resistor
- 2x 10uF capacitor(2.5mm lead spacing)
- 1x 1uF capacitor(2.5mm lead spacing)

Blop:
- MK20DX256VLH7
- Bootloader(MKL02)
- MPU6050 IMU
- BMP280 Barometer
- MicroSD Card Holder
- SPI Flash Chip
- 4x N Channel MOSFET
- Tri-Color LED
- Buzzer
- 6x Terminal Block
- 5V Regulator
- 3.3V Regulator

- [Header Pins](#)
- [Servo Pins](#)
- [USB Port](#)
- [Reset button](#)
- [16mhz Crystal](#)
- [Schottky Diode](#)
- 6x 1 ohm 0805 resistors
- 2x 33 ohm 0805 resistors
- 1x 40 ohm 0805 resistor
- 6x 470 ohm 0805 resistors
- 3x 10k ohm 0805 resistors
- 1x 1M ohm 0805 resistor
- 2x 100k ohm 0805 resistors
- 1x 10nF 0805 capacitor
- 1x 2.2nF 0805 capacitor
- 9x 0.1uF 0805 capacitors
- 2x 1uF 0805 capacitors
- 2x 2.2uF 0805 capacitors
- 3x 10uF 0805 capacitors
- 2x 0805 ferrite beads