Parts list for ENGR 357

Si5351A $FREE

Arduino Nano $FREE

Sound Card $FREE

Quisk $FREE

USB PORT $4.50

<https://www.digikey.com/en/products/detail/sparkfun-electronics/BOB-12700/5762450>

SN74CBT3253 $0.76

<https://www.digikey.com/en/products/detail/texas-instruments/SN74CBT3253DBR/377932>

Op Amp for low Pass filter x2 $0.95

<https://www.digikey.com/en/products/detail/texas-instruments/TL972IPWR/1739872>

Audio Jack $0.93

<https://www.digikey.com/en/products/detail/adam-tech/ASJ-190-A/9831581>

2x Op Amp for Tayloe Mixer

ATS 250 Crystal

<https://www.digikey.com/en/products/detail/cts-frequency-controls/ATS250/280199>

**Capacitors:**

2x 100pf

2x 205pf

2x 220pf

1x 620pf

2x 0.1uf

4x 0.22uf

3x 10n

3x 10u

1x 100n

**Resistors:**

2x 9.53k ohms

2x 13k ohms

1x 50 ohms

2x 10k

2x 22k

4x 200 ohm

2x 100

**Inductors:**

2x 820nH

1x 720n