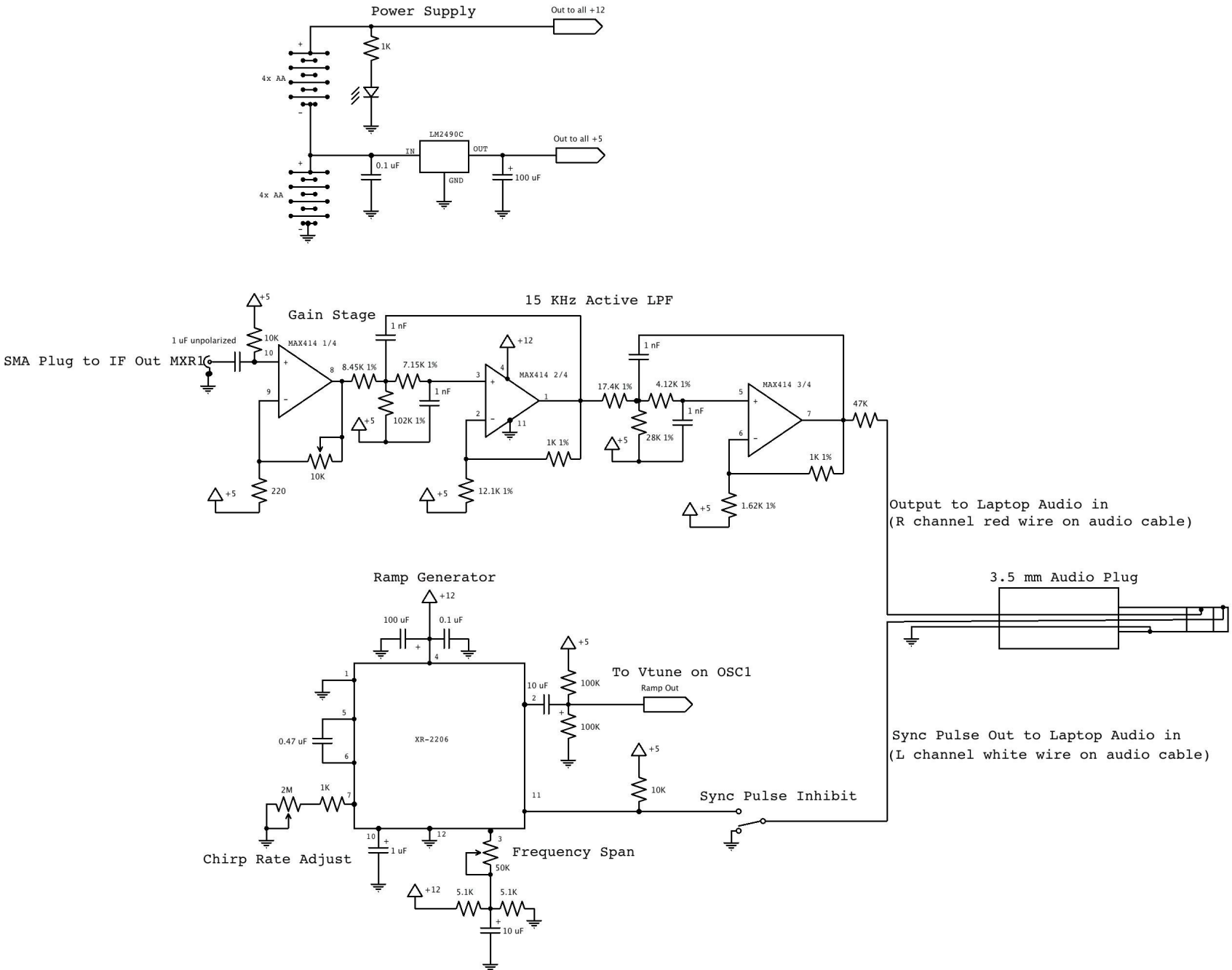
Power Supply
Out to all +12
1K
4x AA
LM2490C
IN
OUT
GND
Out to all +5
0.1 uF
100 uF
4x AA
15 KHz Active LPF
Gain Stage
+5
1 uF unpolarized
10K
MAX414 1/4
SMA Plug to IF Out MXR10
1 nF
8.45K 1%
7.15K 1%
102K 1%
1 nF
+12
MAX414 2/4
1K 1%
10K
220
12.1K 1%
17.4K 1%
4.12K 1%
1 nF
28K 1%
MAX414 3/4
47K
1K 1%
1.62K 1%
Output to Laptop Audio in
(R channel red wire on audio cable)
3.5 mm Audio Plug
Ramp Generator
100 uF
0.1 uF
To Vtune on OSC1
Ramp Out
10 uF
100K
100K
0.47 uF
XR-2206
2M
1K
10K
Sync Pulse Inhibit
Sync Pulse Out to Laptop Audio in
(L channel white wire on audio cable)
Chirp Rate Adjust
1 uF
Frequency Span
50K
5.1K
5.1K
10 uF