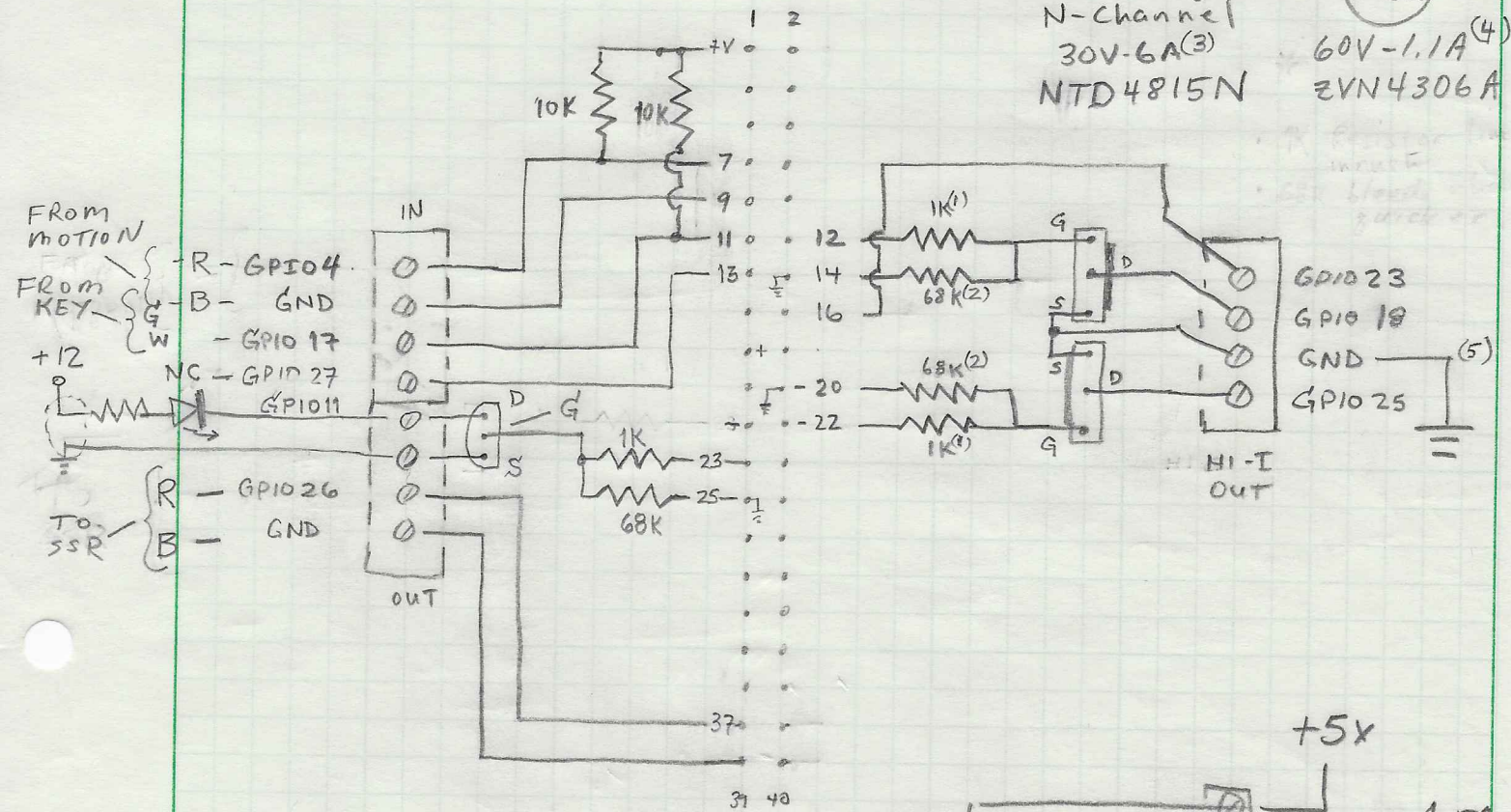
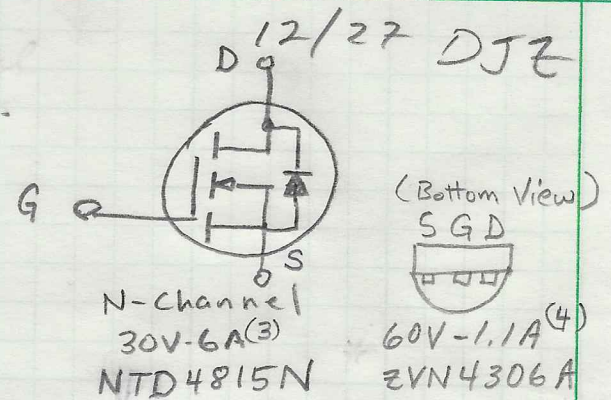
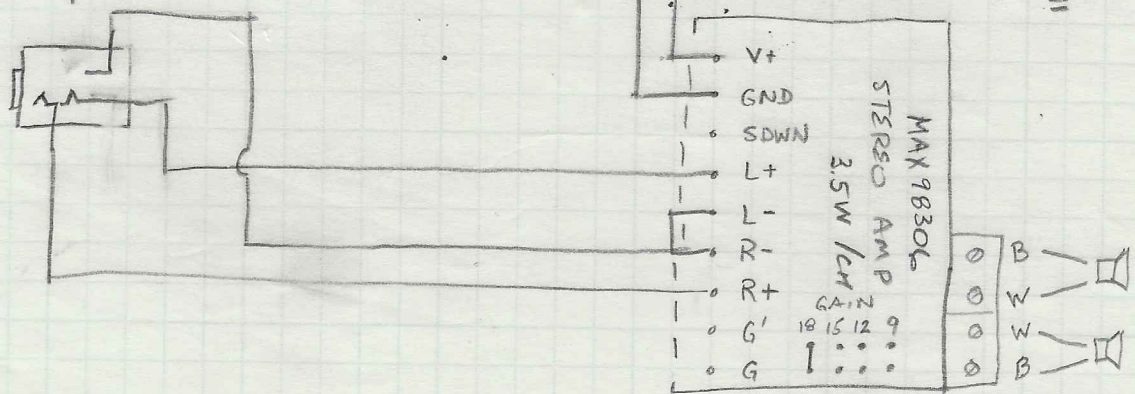


Monitoring ZimKnives Board Interface board



Audio Amp



Notes:

1. 1K resistor to limit in-rush/charging current
2. 68K (~100K) to drain gate charge more quickly
3. I_{DS} limited by lower gate drive voltage to $< 1-2$ amp
4. Running conditions: $V_{GS} = 3.3$, $V_{DS} = 0.1A$, $R_{DS} = \sim 0.6 \Omega$
(Low gate drive causes high $R_{DS(on)}$)
5. Relies on common ground connection
(build uses multi-output, single power supply)