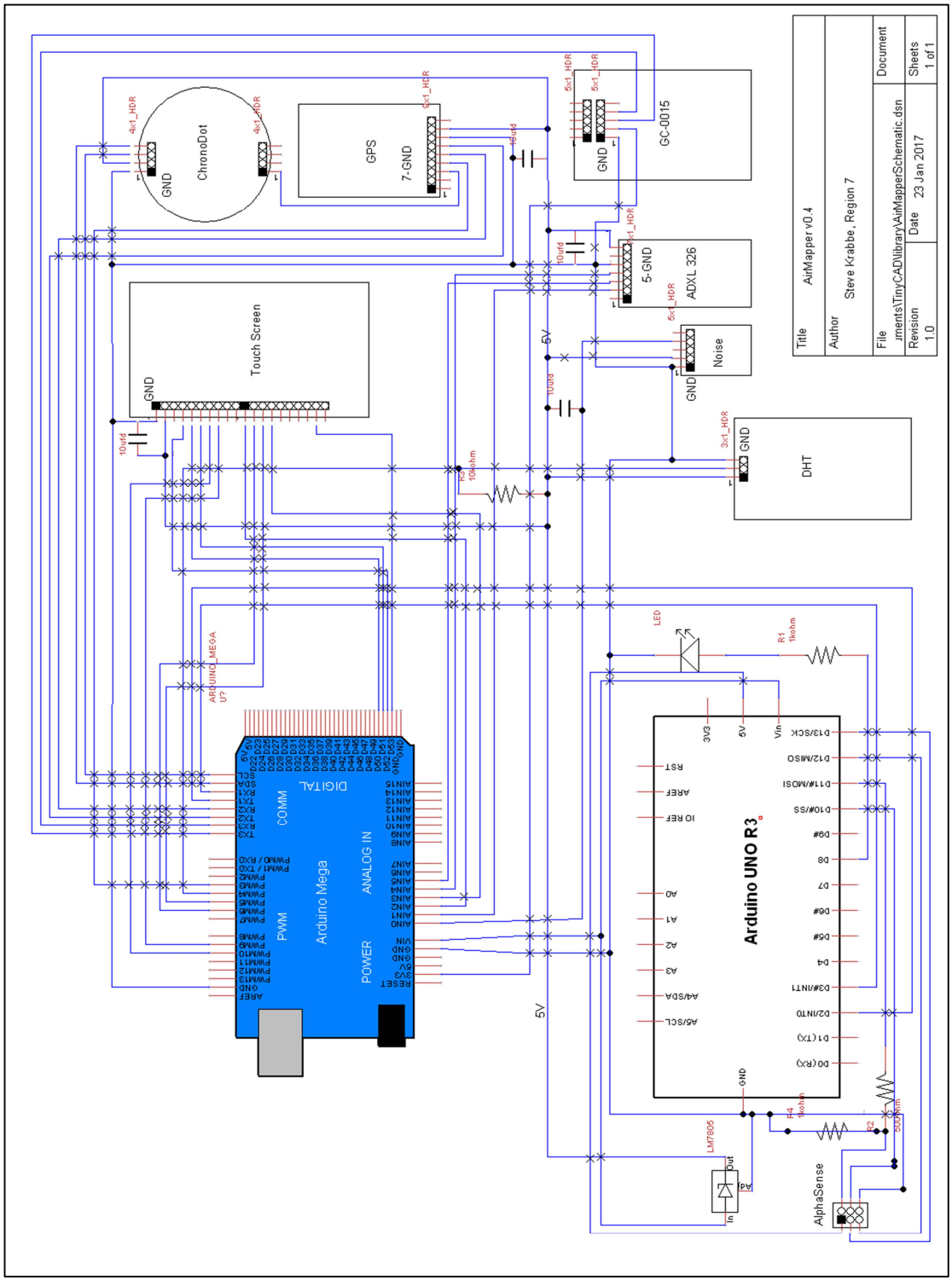Appendix A: AirMapper Schematic