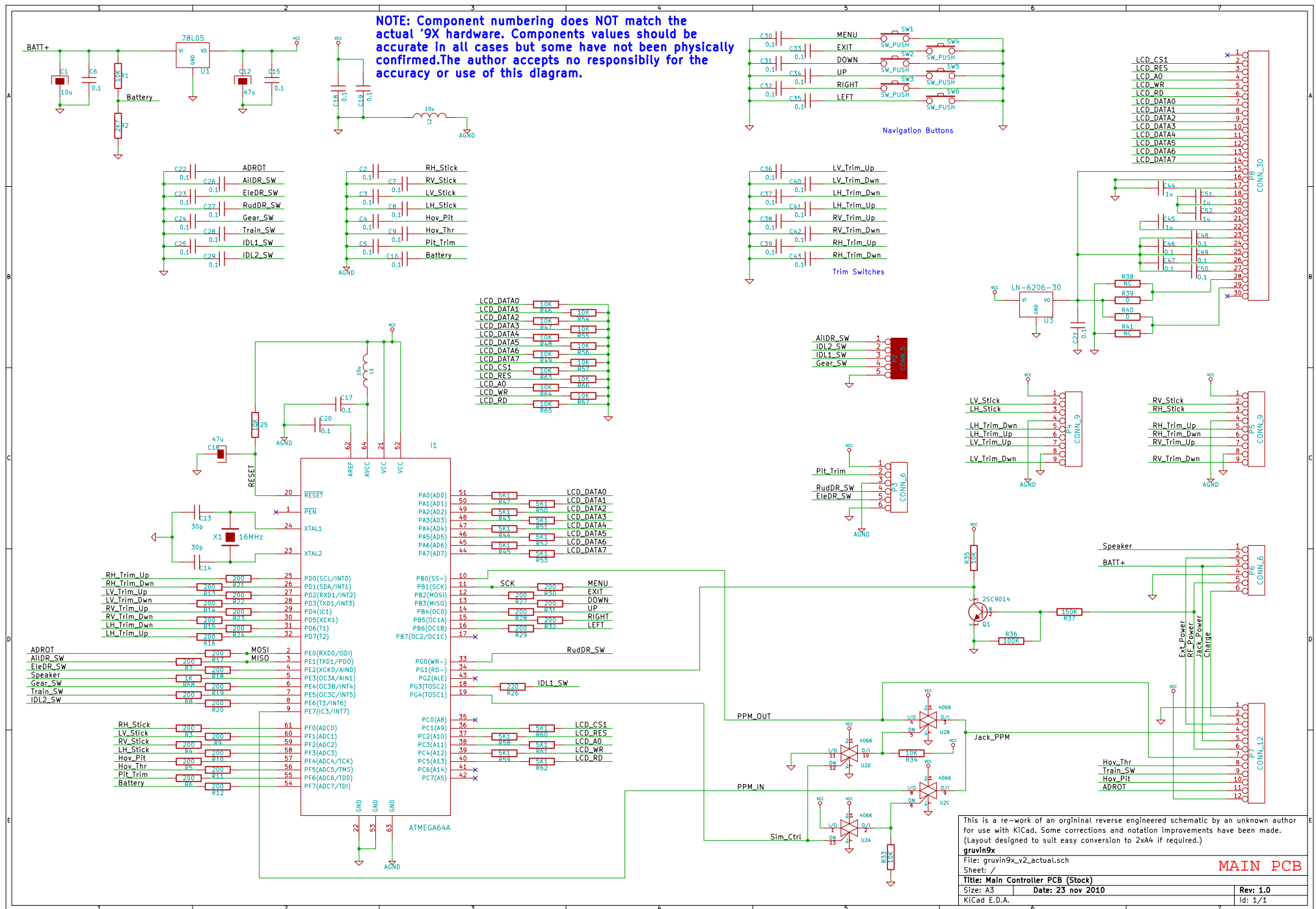


NOTE: Component numbering does NOT match the actual '9X hardware. Components values should be accurate in all cases but some have not been physically confirmed. The author accepts no responsibility for the accuracy or use of this diagram.



This is a re-work of an original reverse engineered schematic by an unknown author for use with KiCad. Some corrections and notation improvements have been made. (Layout designed to suit easy conversion to 2x44 if required.)

gruvin9x  
 File: gruv9x\_v2\_actual.sch  
 Sheet: /

**Title: Main Controller PCB (Stock)**

Size: A3	Date: 23 nov 2010	Rev: 1.0
KiCad E.D.A.		Id: 1/1

**MAIN PCB**

ANNOTATION NOTES  
 LH = Lefthand-Horizional  
 RV = Righthand-Vertical  
 etc