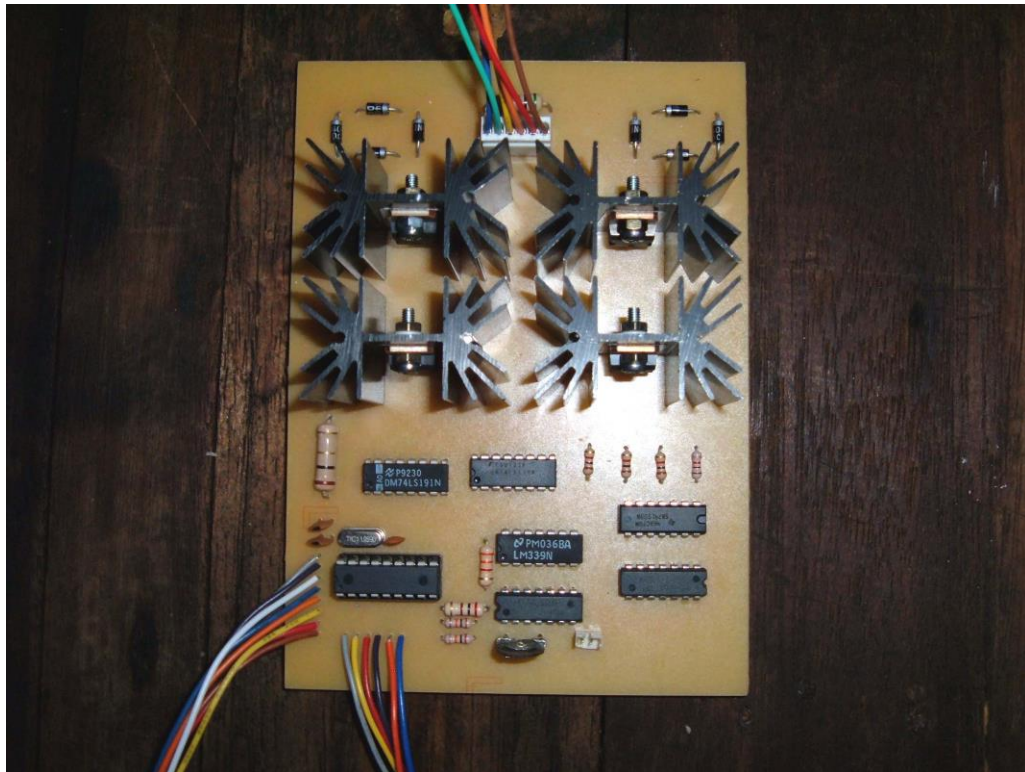


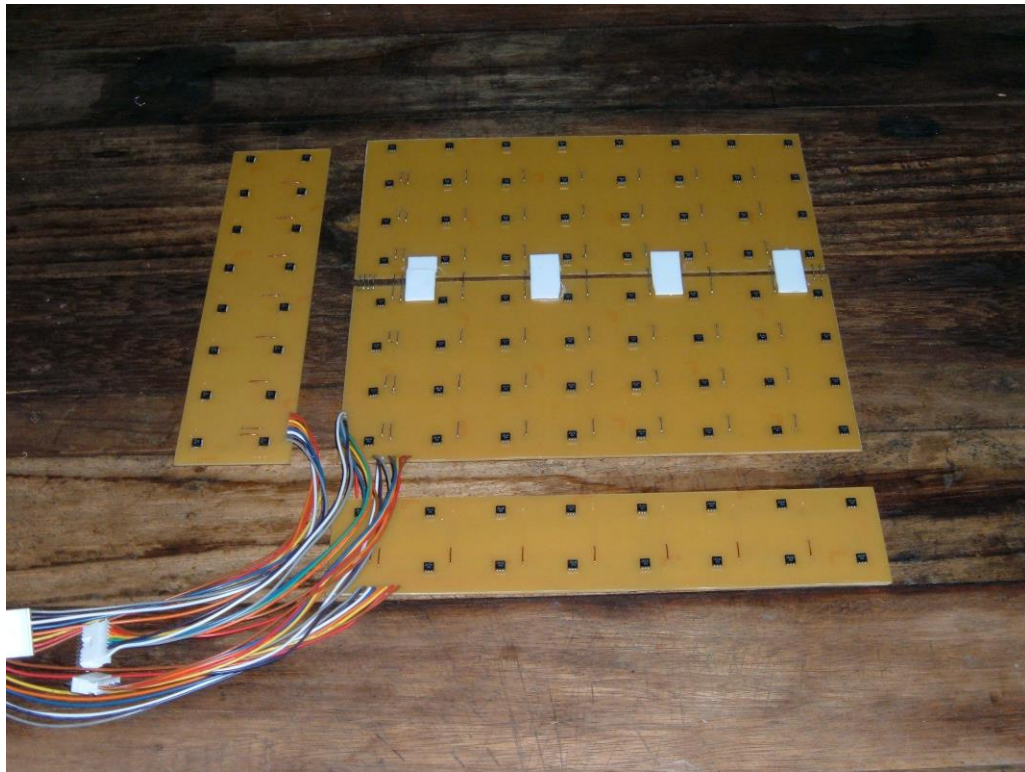
## Appendix O

### X-Axis Controller Circuit



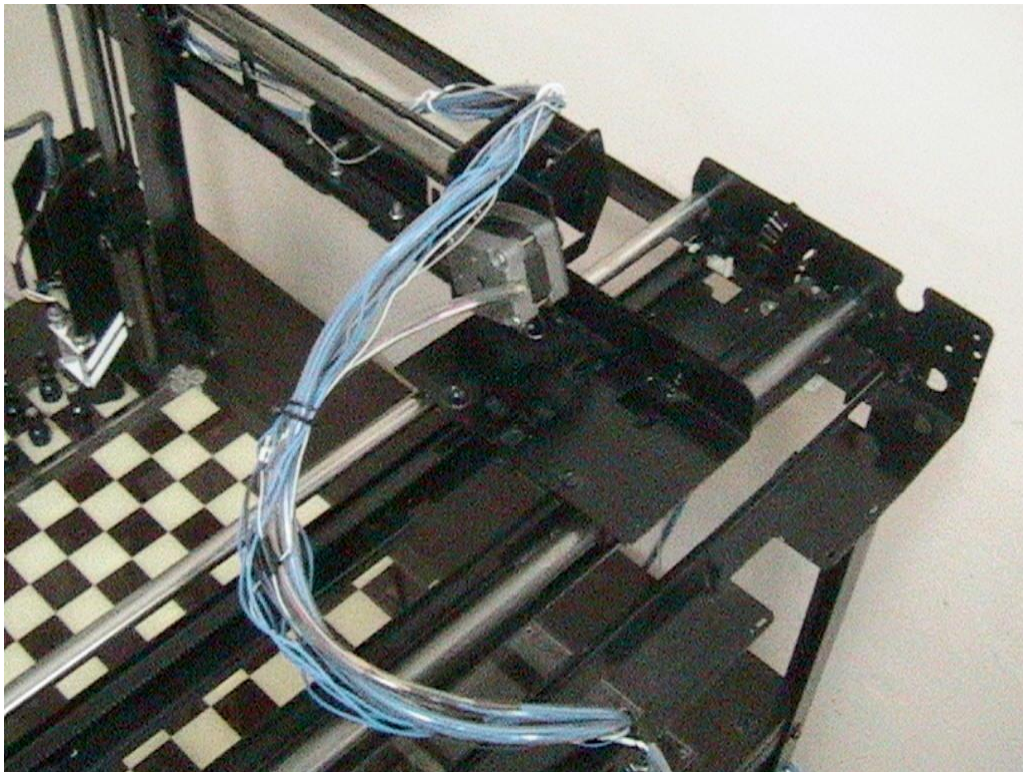
## Appendix P

### Sensor Board Circuits



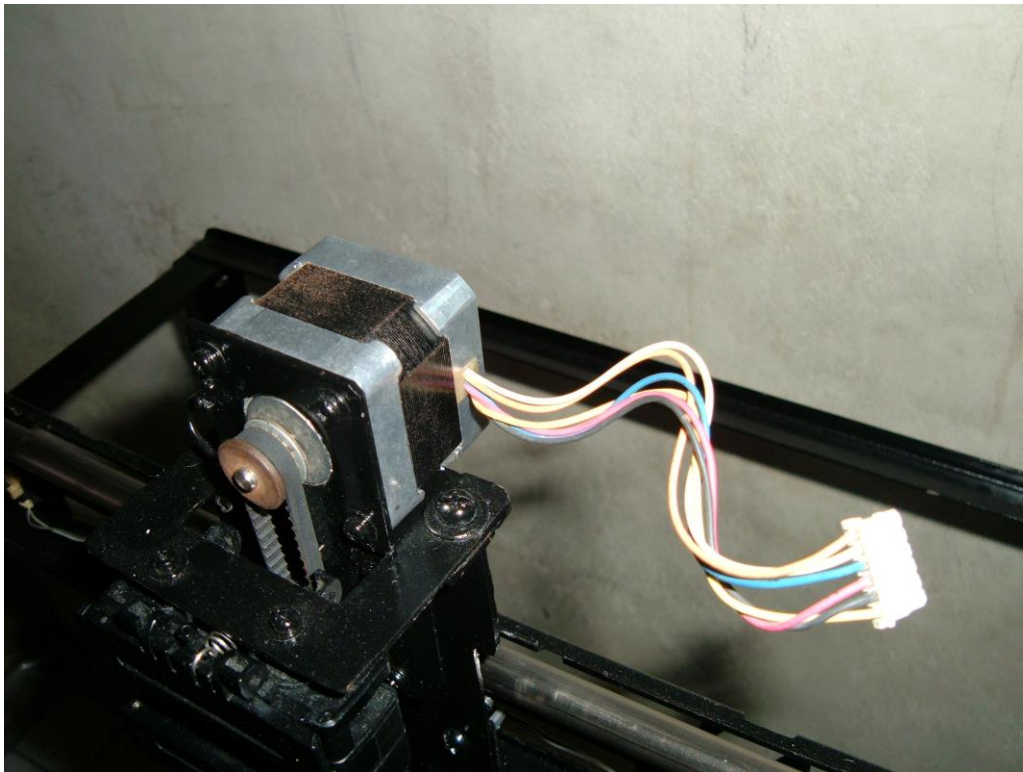
## Appendix Q

### The Actuators



## Appendix R

### Z-Axis Stepper Motor





## Appendix S

### The Chess Set



## Appendix T

### The KS5 Project

