

Criteria	Ratings				Pts
3.1.1 Waldo Design	15 pts Full Marks Clear and developed drawing/visual of design idea for both input and output sides. Shows intended motion for moving parts. Includes important dimensions such as mounting holes and overall scale of waldo.	10 pts Mostly Complete Developed drawing/visual of design idea. Shows intended motion of moving parts. Does not consider key interfacing features (ie. mounting/fastening)	5 pts Partially Complete Includes a sketch of idea. Missing key information about waldo.	0 pts No Marks No submission	15 pts
3.1.2 Setting up and reading ADC	15 pts Full Marks Well commented and working code. Subroutines allow user to specify any port to setup for ADC and continuously read a setup ADC port.		8 pts Partially Complete Well commented and working code. Subroutines do not cover every port.	0 pts No Marks	15 pts
3.1.3 Waldo Sensing	20 pts Full Marks Included video of serial window showing motion. Included circuit diagrams. Included well commented and working code. Comments on sensitivity of device (resolution of ADC counts over motion, linearity, noise)	13 pts Mostly Complete Includes most of required criteria. Missing one or two components.	7 pts Partially Complete Includes some of required criteria. Missing half of asked components.	0 pts No Marks	20 pts
Total Points: 50					