

Dylan Dang

Demo Link: <https://youtu.be/da69HbbQKf0>

Distance (in cm)	Sensor Output(v)	ADC Output Values	Estimated Sensor output (ADCvalue*0.8mv)
10	2.580	3892	3.0632
15	1.620	2579	2.0632
20	1.274	1721	1.3768
25	1.107	1467	1.1736
30	.976	1302	1.0416
35	.867	1096	.876.8
40	.782	906	724.8
45	.674	798 2	638.4
50	.621	747	597.6
55	.521	668	534.4
60	.465	543	434.4
65	.378	479	383.2
70	.329	468	374.4

Distance (in cm)	Table Estimation (in cm)	Equation Estimation (in cm)
10	11	11
15	16	16
20	20	19
25	26	25
30	30	30
35	34	36
40	41	40
45	45	44
50	50	52
55	56	57
60	60	61
65	64	66
70	69	70

