

Cyborg Arm Budget Sheet						Digikey Number	Where to get	
Quantity	Item	Unit Cost	Total Cost	Notes				
EMG Materials								
9	TL072 IC Chip	\$0.30	\$2.70	Stock Room	Ordered	TI	Stock Room	
3	INA106 IC Chip	\$5.00	\$15.00	Stock Room	Ordered	TI	Stock Room	
4	1.0 uF Tant	\$1.06	\$4.24	Stock Room	Ordered	399-3529-ND	Stock Room	
2	0.01 uF Ceramic Disc	\$0.34	\$0.68	Stock Room	Ordered	490-3812-ND	Stock Room	
2	1.0 uF Ceramic Disc	\$1.12	\$2.24	Stock Room	Ordered	399-4389-ND	Stock Room	
6	150 kOhm 1%	0.008	\$0.05	Stock Room	Ordered	150KXBK-ND	Stock Room	
4	1 MOhm 1%	\$0.15	\$0.60	Stock Room	Ordered	RNF14FTD1M00CT-ND	Stock Room	
4	80.6 kOhm 1%	\$0.15	\$0.60	Stock Room	Ordered	RNF14FTD80K6CT-ND	Stock Room	
12	10 kOhm 1%	\$0.02	\$0.24	Stock Room	Ordered	10.0KXBK-ND	Stock Room	
2	100 kOhm Trimmer	\$0.54	\$1.08	Stock Room	Ordered	D4AA15-ND	Stock Room	
2	1 kOhm 1%	\$0.15	\$0.30	Stock Room	Ordered	RNF14FTD1K00CT-ND	Stock Room	
4	1N4148 Diode	\$0.0082	\$0.03	Stock Room	Ordered	1N4148FSTR-ND	Stock Room	
	EMG Electrodes	\$0.32	\$1.92				http://www.tenspro.com/Electrodes_c_1	
6				Mark				\$3.5 for 4+shipping
1	12 pack 9V Battery	\$16.75	\$16.75					
4	9V battery connect	\$2.69	\$10.76					
6	Alligator Clips	\$1.31	\$7.86					
4	DC Motors	20	\$80.00					
1	PCB(optional)	Check With Neal	\$20.00					
1	Arm Material		\$40					
1	Gears		\$10					
1	Shipping		25					
	Total		\$240.05	Shipping not included				