Blind Spot Sensor

Approval Date :	10-Dec-15	
Part Count :	17	
Total Cost :	$96.29	

MPN	Part Name	Manufacture	Description	QTY	Unit Cost	Total Cost
MB1000	Maxbotix Ultrasonic Sensor	Sparkfun	Ultrasonic Range Finder - LV-MaxSonar-EZ0	1	$ 29.95	$ 29.95
ATTINY85-20PU	Tiny AVR Programmer	Sparkfun	Atmel AVR 8-Bit Microcontroller	1	$ 2.84	$ 2.84
N/A	PCB	OSH PARK	2 layer board	1	$ 6.55	$ 6.55
N/A	22 AWG Stranded wire	N/A	Red wires-only few inches needed	1	$ 10.35	$ 10.35
N/A	23 AWG Stranded wire	N/A	Black wires-only few inches needed	1	$ 10.35	$ 10.35
N/A	24 AWG Stranded wire	N/A	Green wires-only few inches needed	1	$ 10.35	$ 10.35
MC7805CDTG	5-Volt Regulator	ON Semiconductor	IC REG LDO 5V 1A DPAK	1	$ 0.58	$ 0.58
T2N7002AK	NMOS transistor	Toshiba Semiconductor and Storage	MOSFET N-CH 60V 0.2A	1	$ 0.19	$ 0.19
ERJ-P6WF82R0V	Resistor	Panasonic Electronic Components	RES SMD 82 OHM 1% 1/2W 0805	1	$ 0.59	$ 0.59
RNCP0805FTD10K0	Resistor	Stackpole Electronics Inc.	RES SMD 10K OHM 1% 1/4W 0805	1	$ 0.10	$ 0.10
ERJ-P06J473V	Resistor	Panasonic Electronic Components	RES SMD 47K OHM 5% 1/2W 0805	1	$ 0.12	$ 0.12
ERJ-P06J474V	Resistor	Panasonic Electronic Components	RES SMD 470K OHM 5% 1/2W 0805	1	$ 0.12	$ 0.12
CL21B104KBCNNNC	Capacitor	Samsung Electro-Mechanics America, Inc.	0.1 uF - surface mount capacitor	3	$ 0.10	$ 0.30
S150PGC-G5-1B	LED	LuckyLight	Green LED	1	$ 3.95	$ 3.95
PGM-11801	Tiny AVR Programmer	Sparkfun	AVR 8 Pin 20MHz 8K 4A/D - ATtiny85	1	$ 19.95	$ 19.95
	Total					$ 96.29