		Place	Package	COST (RS)	Description
C7_0.1UF	.01uf	CHIP COMPONENT	C1206	12	CITOR, European symbo
C2_0.1UF	0.1uf	CHIP COMPONENT	C1206	12	CITOR, European symbo
C5_0.1UF	0.1uf	CHIP COMPONENT	C1206	12	CITOR, European symbo
C6_0.1UF	0.1uf	CHIP COMPONENT	C1206	12	CITOR, European symbo
C8_0.1UF	0.1uf	CHIP COMPONENT	C1206	12	CITOR, European symbo
C9_0.1UF	0.1uf	CHIP COMPONENT	C1206	12	CITOR, European symbo
R36_100K	100k	CHIP COMPONENT	R1206	12	STOR, European symbo
R11_10K	10k	CHIP COMPONENT	R1206	12	STOR, European symbo
R13_10K	10k	CHIP COMPONENT	R1206	12	STOR, European symbo
R15_10K	10k	CHIP COMPONENT	R1206	12	STOR, European symbo
R17_10K	10k	CHIP COMPONENT	R1206	12	STOR, European symbo
R19_10K	10k	CHIP COMPONENT	R1206	12	STOR, European symbo
R35_10K	10k	CHIP COMPONENT	R1206	12	STOR, European symbo
R37_10K	10k	CHIP COMPONENT	R1206	12	STOR, European symbo
R5_10K	10k	CHIP COMPONENT	R1206	12	STOR, European symbo
R7_10K	10k	CHIP COMPONENT	R1206	12	STOR, European symbo
R9_10K	10k	CHIP COMPONENT	R1206	12	STOR, European symbo
C3_10UF	10uf	CHIP COMPONENT	C1206	12	CITOR, European symbo
C4_10UF	<b>10</b> uf	CHIP COMPONENT	C1206	12	CITOR, European symbo
R1_1K	1k	CHIP COMPONENT	R1206	12	STOR, European symbo
R21_1K	1k	CHIP COMPONENT	R1206	12	STOR, European symbo
R23_1K	1k	CHIP COMPONENT	R1206	12	STOR, European symbo
R38_1K	1k	CHIP COMPONENT	R1206	12	STOR, European symbo
R41_1K	1k	CHIP COMPONENT	R1206	12	STOR, European symbo
R42_1K	1k	CHIP COMPONENT	R1206	12	STOR, European symbo
R2_22K	22k	CHIP COMPONENT	R1206	12	STOR, European symbo
R3_22K	22k	CHIP COMPONENT	R1206	12	STOR, European symbo
C11_22PF	22pf	CHIP COMPONENT	C1206	12	CITOR, European symbo
C12_0.1PF	22pf	CHIP COMPONENT	C1206	12	CITOR, European symbo
R39_2K	2k	CHIP COMPONENT	R1206	12	STOR, European symbo

R24_2K2	2k2	CHIP COMPONENT	R1206	12	STOR, European symbo
R25_2K2	2k2	CHIP COMPONENT	R1206	12	STOR, European symbo
R10_300E	300E	CHIP COMPONENT	R1206	12	STOR, European symbo
R12_300E	300E	CHIP COMPONENT	R1206	12	STOR, European symbo
R14_300E	300E	CHIP COMPONENT	R1206	12	STOR, European symbo
R16_300E	300E	CHIP COMPONENT	R1206	12	STOR, European symbo
R18_300E	300E	CHIP COMPONENT	R1206	12	STOR, European symbo
R34_300E	300E	CHIP COMPONENT	R1206	12	STOR, European symbo
R4_300E	300E	CHIP COMPONENT	R1206	12	STOR, European symbo
R6_300E	300E	CHIP COMPONENT	R1206	12	STOR, European symbo
R8_300E	300E	CHIP COMPONENT	R1206	12	STOR, European symbo
R20_330E	330E	CHIP COMPONENT	R1206	12	STOR, European symbo
R22_330E	330E	CHIP COMPONENT	R1206	12	STOR, European symbo
IC4	40106D	CHIP COMPONENT	SO14	12	SCHMITT TRIGGER
R32_4K7	4k7	CHIP COMPONENT	R1206	12	STOR, European symbo
R33_4K7	4k7	CHIP COMPONENT	R1206	12	STOR, European symbo
R40_7K	7k	CHIP COMPONENT	R1206	12	STOR, European symbo
U2	ATMEGA16-16AU	CHIP COMPONENT	QFP80P1200X1200X120-44N	12	3-bit Microcontroller
LDIR_B1	blue	CHIP COMPONENT	CHIPLED_1206	12	LED
LDIR_F1	blue	CHIP COMPONENT	CHIPLED_1206	12	LED
RDIR_B1	blue	CHIP COMPONENT	CHIPLED_1206	12	LED
RDIR_F1	blue	CHIP COMPONENT	CHIPLED_1206	12	LED
LED10_GREEN	green	CHIP COMPONENT	CHIPLED_1206	12	LED
IC3	LM358D	CHIP COMPONENT	SO08	12	ılso LM158; LM258; LM2
LED11_RED	red	CHIP COMPONENT	CHIPLED_1206	12	LED
LED1	white	CHIP COMPONENT	CHIPLED_1206	12	LED
LED2	yellow	CHIP COMPONENT	CHIPLED_1206	12	LED
LED3	yellow	CHIP COMPONENT	CHIPLED_1206	12	LED
C1_THROUGHHOLE	1000uf	<b>GALA ELECTRONICS</b>	C050-045X075	4	CITOR, European symbo
POT_10K	10k	GALA ELECTRONICS	RTRIMT93YA	10	Trimm resistor
IC2	7805DT	GALA ELECTRONICS	TO252	20	: VOLTAGE REGULATO

JP5	battery input	GALA ELECTRONICS	1X02	10	PIN HEADER
 Q2	BC548	GALA ELECTRONICS	TO92-EBC	10	NPN Transistor
Q3	BC548	GALA ELECTRONICS	TO92-EBC	10	NPN Transistor
SV3	extender	GALA ELECTRONICS	MA04-2	10	PIN HEADER
SV1	isp programming	GALA ELECTRONICS	MA05-2	10	PIN HEADER
BUZ1	KS-12065D03YA	GALA ELECTRONICS	BZ2-7.6-D12.0XH6.5MM	10	312010004
IC1	L293D	GALA ELECTRONICS	DIL16	40	ULL 4 CHANNEL DRIVI
JP3	lcd port	GALA ELECTRONICS	1X16	10	PIN HEADER
JP2	left_motor	GALA ELECTRONICS	1X02	10	PIN HEADER
ENC_LEFT	MOC7811	GALA ELECTRONICS	THROUGH_HOLE_NORMAL	10	.1 is a slotted opto isolal with an IR transmitter a otodiode mounted on it. rms Non-Contact Object Sensing
					.1 is a slotted opto isolat le, with an IR transmitter photodiode mounted on rms Non-Contact Object
 ENC_RIGHT	MOC7811	GALA ELECTRONICS	THROUGH_HOLE_NORMAL	10	Sensing
JP9	reset switch	GALA ELECTRONICS	JP1	10	JUMPER
JP1	right_motor	GALA ELECTRONICS	1X02	10	PIN HEADER
 IR1		GALA ELECTRONICS	LED5MM	1	LED
 IR14		GALA ELECTRONICS	LED5MM	1	LED
 IR15		GALA ELECTRONICS	LED5MM	1	LED
 IR16		GALA ELECTRONICS	LED5MM	1	LED
 IR17		GALA ELECTRONICS	LED5MM	1	LED
 IR18		GALA ELECTRONICS	LED5MM	1	LED
 IR19		GALA ELECTRONICS	LED5MM	1	LED
IR2		GALA ELECTRONICS	LED5MM	1	LED
 IR20		GALA ELECTRONICS	LED5MM	1	LED
 IR21		GALA ELECTRONICS	LED5MM	1	LED
IR22		GALA ELECTRONICS	LED5MM	1	LED

IR3		GALA ELECTRONICS	LED5MM	1	LED
IR5		GALA ELECTRONICS	LED5MM	1	LED
IR6		GALA ELECTRONICS	LED5MM	1	LED
IR7		GALA ELECTRONICS	LED5MM	1	LED
IR8		GALA ELECTRONICS	LED5MM	1	LED
LCD		GALA ELECTRONICS		120	
Q1		GALA ELECTRONICS	Q	5	CRYSTAL
BO MOTOR		GALA ELECTRONICS	2	70	
CASTER WHEEL		GALA ELECTRONICS	2	20	
L – CLAMPS		GALA ELECTRONICS	2	20	
JP8	battery switch	NIL	JP1		JUMPER
JP6	buzzer charged	NIL	JP1		JUMPER
JP7	buzzer discharged	NIL	JP1		JUMPER
JP4	lcd display	NIL	JP1		JUMPER
			COST PER BOT	1141	
			TOTAL COST	5705	

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