

Comment	Footprint	Part No	Cost	Qty	Designators				
8 OHM SPEAKER	SPEAKER30mm	C0606	1.90	1	J21				
100n	RAD1	750-920	0.34	12	C2	C3	C8	C9	C10
					C4	C5	C6	C7	C14
100uF 16V	RB1/2.5	3017345	0.32	1	C1				
10K	AX4	R7582	0.04	7	R5	R10	R12	R13	R14
					R25	R26			
10K	SIP9	148-984	0.66	1	RP1				
10uF 16V	RB06/150	105-867	0.50	3	C13	C17	C18		
15K	AX4	R7586	0.04	1	R8				
180R	AX4	R7540	0.04	1	R11				
1N5822	DIODE5	Z0042	0.21	1	D1				
22K	AX4	R7590	0.04	1	R15				
22uF	RB06/150	105-856	0.43	1	C16				
25K	VR POT	R2598	0.45	1	P1				
2K4	AX4	R7567	0.04	1	R6				
330R	AX4	R7546	0.04	10	R1	R16	R17	R18	R19
					R21	R22	R23	R24	
39K	AX4	R7596	0.04	1	R9				
3A POLY SWITCH	RAD2S	136-724	3.55	1	F1				
4 MHz RESONATOR	SIP3	W/ 40X	0.00	1	X1				
4K7	AX4	R7574	0.04	3	R2	R3	R4		
4K7	SIP9	148-983	0.66	1	RP2				
4u7	rb06/150	105-865	0.41	1	C12				
5V	SIP2	P5430	0.12	1	JP4	CUT FROM 40 STRIP			
6K8	AX4	R7578	0.04	1	R7				
7.2V DC POWER	POWER2	P2038	0.17	1	J1				
74HC02	DIP14	Z8502	0.16	1	U7				
74HC541	DIP20	Z8910	0.39	1	U8				
74HC573	DIP20	Z8918	0.30	1	U5				
ICL7660SCDA	DIP8	408-566	2.75	1	U10				
A2 A3 A5,A6,A7	SIP3	P5430	0.12	5	J16	J17	J18	J19	J20
BAT85	DIODE4	Z0044	0.17	1	D2				
DIGITAL INPUTS	IDC16	P5016	0.17	1	J14				
DIGITAL OUTPUT	IDC10	P5010	0.12	1	J12				
DISPLAY	LCD PG12864F		35.00	1	J10				
DISPLAY	SIP SOCKET	P5390	0.54	1					
EEPROM	DIP8			0	U4				
FONT	SIP2	P5430	0.12	1	JP1	CUT FROM 40 STRIP			
FPU	DIP8			0	U9				
IRDA	SIP4			0	J13				
IRDA	SIP SOCKET	P5390	0.54	1		CUT FROM 40 STRIP			
KEYPAD	SW4PBNO			1	SW1				
KEYPAD SPACER	SW4PBNO		0.00	1					
L293DN	DIP16	Z2900	2.27	2	U2	U3			
LM2940CT5	TO-220	412-727	3.82	1	VR1				
MAB	SIP3	P5430	0.12	1	JP5	CUT FROM 40 STRIP			
MAX232A	DIP16	3050026	7.47	1	U6				
MCD	SIP3	P5430	0.12	1	JP6	CUT FROM 40 STRIP			
MOTOR A,B,C,D	IDC6	3021427	1.92	4	J6	J7	J8	J9	
ON	SW SPDT26V6APCB	dsP7602	1.66	1	SW3				
ON	LED3	Z0701	0.06	1	LED1				
PICAXE 40X	DIP40	Z6128	24.50	1	U1				
PULL DN & UP (3 X)	IDC16	P5446	0.57	2	JP2	JP3	CUT FROM 40 ST		

Sheet1

RESET	SW_PUSH BTN3	S1120	0.22	1	SW2					
SERIAL 1	DB9/M	4131411	3.44	1	J11					
SERIAL DOWNLOAD	DB9/F	4131459	4.26	1	J15					
SERVO 1,2,3,4,5,6,7,8	IDC6	P5430	0.12	4	J2	J3	J4	J5	CUT	
8 TURNED PIN IC SKT		P0530	0.35	3						
14 TURNED PIN IC SKT		P0532	0.31	1						
16 TURNED PIN IC SKT		P0534	0.35	3						
20 TURNED PIN IC SKT		P0538	0.53	2						
40 TURNED PIN IC SKT		P0544	1.06	1						
12mm NYLON STANDOFF		H1321	0.15	4						
6mm STANDOFF		H1359	0.08	2						
2.5 X 20mm SCREWS		149-554	0.09	4						
2.5 X 12mm SCREWS		149-553	0.07	2						
2.5mm NUTS		149-679	0.05	4						
D/S PTH PCB		P N E	29.97	1						
TOTAL			148.72	119						

40 ST