

Q&L Development Board - Rev 3  
Parts List  
Sept. 20, 2009

Quantity	Order Number	Distrib- utor	Designation	Footprint	Part Description	Manufacturer	Cost Each	Total Cost
1					Qwik&Low Development Board	PCBCART	4.50	4.50
1	MAX603CSA	Digi-Key	U1	SOIC-8	5V regulator up to 500 mA	Maxim	2.54	2.54
2	399-4152	Digi-Key	C3,4	100 mil	15 pf 200V ceramic radial capacitor	Kemet	0.28	0.56
4	399-4151	Digi-Key	C1,5,6,7	100 mil	0.1uF 50V ceramic radial capacitor	Kemet	0.15	0.60
1	100QBK	Digi-Key	R7	300 mil	100 ohm 1/4W axial carbon resistor	Yageo	0.05	0.05
2	1.0KQBK	Digi-Key	R2,4	300 mil	1.0K ohm 1/4W axial carbon resistor	Yageo	0.05	0.10
3	22KQBK	Digi-Key	R8,9,10	300 mil	22K ohm 1/4W axial carbon resistor	Yageo	0.05	0.15
1	47KQBK	Digi-Key	R6	300 mil	47K ohm 1/4W axial carbon resistor	Yageo	0.05	0.05
1	100KQBK	Digi-Key	R3	300 mil	100K ohm 1/4W axial carbon resistor	Yageo	0.05	0.05
2	1.0MQBK	Digi-Key	R5,11	300 mil	1.0M ohm 1/4W axial carbon resistor	Yageo	0.05	0.10
1	728-1001	Digi-Key	Y1	100 mil	32,768 Hz watch crystal	Seiko	0.35	0.35
1	P605	Digi-Key	LED1	100 mil	Low-current red LED	Panasonic	0.38	0.38
2	S9001	Digi-Key	H1X,4X		100 mil shunt	Sullins	0.12	0.24
1	3M5471	Digi-Key	U2X	DIP-40	40-pin DIP socket for MCU	3M	0.29	0.29
1	PIC18LF4321-I/P	Digi-Key	U2	DIP-40	Microcontroller	Microchip	3.13	3.13
1	A32117	Digi-Key	CON1		Female DB-9 socket	Tyco AMP	2.72	2.72
1	593K	Digi-Key	Upper BT1		9V battery clip - male	Keystone	0.49	0.49
1	594K	Digi-Key	Lower BT1		9V battery clip - female	Keystone	0.56	0.56
1	P8006S	Digi-Key	PB1		Pushbutton switch	Panasonic	0.29	0.29
1	545941	Jameco	C2	100 mil	3.3 uf 25V tantalum capacitor	Jameco	0.22	0.22
2	108338	Jameco	H1,4	100x200 mil	2-pin straight single row male header - gold	Jameco	0.20	0.40
1	118456	Jameco	LCD1	700x200 mil	7x2-pin straight double row male header - gold	Jameco	0.45	0.45
1	151095	Jameco	BT1		9V battery	Panasonic	1.35	1.35
2	153948	Jameco	LCD cable		2x7 ribbon cable connector for LCD	Jameco	0.21	0.42
1	688-EC11G1534403	Mouser	RPG1		Undetented rotary pulse generator/pushbutton	Alps	2.08	2.08
1	652-3362U-1-203LF	Mouser	POT1	200 mil	20K ohm trimpot	Bourns	0.66	0.66
2	530-108-0740-1	Mouser	TJ1,2		Nickel plated banana jack	Johnson	1.30	2.60
1	108-0051-EVX	Mouser	SW1	SIP100_3P	SPDT toggle switch	Mountain Sw.	1.97	1.97
4	517-SJ-5003BK	Mouser			Four rubber bumpers on back of board	3M	0.13	0.52
4	534-2025	Mouser	LCD feet		1/4" x 4-40 threaded spacers - feet for LCD	Keystone	0.21	0.84
1	LCD1029	BG Micro	LCD		24x2 character display		3.50	3.50
							Total =	32.16