

Bill of Materials PHCC: **KEY64D_PH Rev0B** (North America)

Parts Count 101
Parts Total \$21.46

IDEN	Part No.	Qty	Nomenclature	Manufacturer		
Vendor	SKU/Article No	U/I	Unit Cost	Unit Count	Item Total	Remarks
<input type="checkbox"/> C1	C323C104K1R5CA	1	Capacitor, ceramic, multilayer, X7R, 0.1 uF (100nF), 100V, 10%	Kemet		
Mouser Electronics	80-C323C104K1R5C	EA	\$0.25	1	\$0.25	0.200 in L x 0.320 in H, lead spacing 0.2 in , Radial
<input type="checkbox"/> CON1	51303309-2	1	Connector header, 14 pos, 2x7, .100"x.100", .150" end, LP	AMP		
Jameco Electronics	753571	EA	\$0.85	1	\$0.85	.120" solder tail, 0.025" square posts, gold/tin plated
<input type="checkbox"/> CON2-CON6	499997-3	5	IDC ribbon connector, 16 POS, 2x8, 0.100" x 0.100" grid	AMP		
Jameco Electronics	524066	EA	\$1.05	1	\$5.25	use with strain relief
<input type="checkbox"/> D1-D64	1N4148	64	Diode, small signal	Fairchild		
Mouser Electronics	512-1N4148	EA	\$0.03	1	\$1.92	DO-35 package, 100V
<input type="checkbox"/> IC1	74LS138N	1	DIP-16, 3-to-8 decoder/demultiplexer	ATMEL		
Jameco Electronics	46607	EA	\$0.50	1	\$0.50	
<input type="checkbox"/> MA	HNS-0632-C	4	hex nut, No.6-32	Imported		
Small Parts Inc	HNS-0632-C	PG	\$2.63	100	\$0.10	Zinc plated steel
<input type="checkbox"/> MA	4546-632-B-12	4	standoff. M/F, 1/4" hex, No.6-32 thread, 1-1/4" long, thread lg 3/16"	RAF		
Jameco Electronics	393968	EA	\$0.85	1	\$3.40	
<input type="checkbox"/> MA	ZPHP-0632-08-C	4	screw, No.6-32 x 1/2", panhead, phillips	Imported		
Small Parts Inc	ZPHP-0632-08-C	PG	\$1.60	100	\$0.06	Zinc plated steel

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<input type="checkbox"/> MA	499252-8	5	strain relief, AMPLATCH, 16 POS	AMP		
Jameco Electronics	526061	EA	\$0.20	1	\$1.00	use with IDC connector 499997-3
<input type="checkbox"/> MA	499252-9	2	strain relief, AMPLATCH IDC connector 14 position	AMP		
Jameco Electronics	526053	EA	\$0.20	1	\$0.40	use with P/N 1658620-2
<input type="checkbox"/> MA/IC1	1-390261-4	1	DIP socket, 16 position	AMP		
Jameco Electronics	683121	PG	\$0.49	5	\$0.10	
<input type="checkbox"/> P1, P2	1658620-2	2	IDC connector, 0.100"x0.100", 2x7 pin, 14 pos, AWG28	AMP		
Jameco Electronics	901301	EA	\$0.99	1	\$1.98	.100" AMPLATCH IDC
<input type="checkbox"/> P3-P7	499997-3	5	IDC ribbon connector, 16 POS, 2x8, 0.100" x 0.100" grid	AMP		
Jameco Electronics	524066	EA	\$1.05	1	\$5.25	use with strain relief
<input type="checkbox"/> PCB	KEY64D_PH_Rev0B	1	PCB for KEY64D_PH Rev0B	Locally		
Locally	000000	EA	\$0.00	1	\$0.00	
<input type="checkbox"/> W1	28RC16-10	1	Ribbon cable, AGW28, 16 conductors, PVC insulation	Imported		
Jameco Electronics	643532	FT	\$3.85	10	\$0.39	28AWG, 7X36, stranded copper, spacing:0.05"