

Sheet1

Part	Digikey Code	1 x0x	Price	TOT
Atmega162-16PU		1	€4.97	
78M05 TO-220	MC78M05CTFS	1	€0.35	
78L06 TO-92	497-2953-5	1	€0.51	
LM336Z-5.0	LM336Z-5.0	1	€0.61	
FT232	FT232BM	1	€3.64	
6MHz ceramic resonator	X904-ND	1	€0.40	
16MHz ceramic resonator	X908-ND	1	€0.40	
1N4001	1N4001FSCT-ND	4	€0.08	€0.32
1N4148	1N4148FS-ND	29	€0.03	€0.87
4066 analog switch	296-2061-5-ND	1	€0.33	
74AC174	296-4236-5-ND	1	€0.50	
74HC126	296-8221-5-ND	1	€0.32	
74AC165	296-8251-5-ND	3	€0.37	€1.11
74HC595	568-1484-5-ND	5	€0.37	€1.85
4N37 optoisolator	160-1306-5-ND	1	€0.24	
25C33 CAT2532	CAT25320LI-G-ND	1	€0.65	
Heat sink (TO-220)	HS198-ND	1	€0.41	
40-pin DIP socket		1		
8-pin DIP socket		1		
1/4" stereo jack		3		
1/8" jack **	CP-3536N-ND	2	€0.39	€0.78
2.1mm power jack **	CP-202AH-ND	1	€0.42	
USB type-B jack		1		
MIDI/DINSYNC jack **	CP-2350-ND	4	€0.72	€2.88
Toggle switch	B12AB-RO-ND	1	€3.91	
Rotary encoder **	CT3011-ND	1	€2.38	
16 position rotary switch **	GH3074-ND	2	€4.95	€9.90
<i>Tact switch **</i>		23		
E-Switch *	EG1821-ND		€0.41	€9.43
Omron Elec.	SW838-ND		€0.39	€8.97
Omron Elec.	SW422-ND		€0.32	€7.36
2K (202) trim **	CT6EP202-ND	1	€0.50	
5K (502) trim **	CT6EP502-ND	1	€0.50	
50K (503) trim **	CT6EP503-ND	1	€0.50	
500K (504) trim	CT6EP504-ND	1	€0.50	
50K D (log) pot **	P3L2503-ND	3	€0.87	€2.61
50K B (linear) pot **	P3K1503-ND	2	€0.87	€1.74
50K B (linear) dual pot		1		
1Meg A (log) dual pot		1		
Switch cap (white) **	401-1155-ND	8	€0.24	€1.92
Switch cap (black) **	401-1152-ND	15	€0.24	€3.60
<i>0.1uF (104) ceramic capacitor</i>		16		
Epcos Inc *	P4923-ND		€0.18	€2.88

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Epcos Inc	(10Pz)		€1.39	€2.78
Epcos Inc			€0.23	€3.68
Epcos Inc	(10Pz)		€0.82	€1.64
Epcos Inc	(10Pz)		€1.39	€2.78
Vishay/BC	(10Pz)		€0.59	€1.18
Vishay/BC	(10Pz)		€0.59	€1.18
AVX Corp			€0.18	€2.88
AVX Corp			€0.18	€2.88
AVX Corp			€0.28	€4.48
AVX Corp			€0.12	€1.92
Kemet			€0.15	€2.40
Kemet			€0.15	€2.40
Murata Elec.			€0.12	€1.92
Murata Elec.			€0.12	€1.92
1.0uF (105) tantalum capacitor				
Kemet *	399-3529-ND	2	€0.35	€0.70
Electrolitic capacitors				
1.0uF 50V elect cap	P5174-ND	13	€0.11	€1.43
2.2uF 50V elect cap	P5175-ND	1	€0.11	
10uF 16V elect cap	P5134-ND	13	€0.11	€1.43
47uF 16V elect cap	P5137-ND	4	€0.11	€0.44
100uF 10V elect cap	P5138-ND	3	€0.13	€0.39
100uF 25V elect cap	P5152-ND	2	€0.17	€0.34
1000uF 10V elect cap	P5127-ND	1	€0.27	
2200uF 16V elect cap	P5143-ND	2	€0.60	€1.20
Polyester capacitors (10Pz)				
.001uF	P4785-ND (10Pz)	3	€0.85	
.0068uF	P4795-ND (10Pz)	1	€0.85	
.01uF	P4797-ND (10Pz)	5	€0.85	
.018uF	P4647-ND (10Pz)	1	€0.94	
.033uF	P4650-ND (10Pz)	5	€1.08	
.047uF	P4652-ND (10Pz)	1	€1.09	
.068uF	P4654-ND (10Pz)	1	€1.12	
.1uF	P4656-ND (10Pz)	3	€1.17	
.22uF	P4660-ND (10Pz)	1	€2.98	
Resistors 1/4W 5% (5Pz)				
10 OHMS	10QBK-ND (5Pz)	2	€0.20	
22 OHMS	22QBK-ND (5Pz)	2		
27 OHMS	27QBK-ND (5Pz)	2		
100 OHMS	100QBK-ND (5Pz)	6		€0.40
150 ohm	150QBK-ND (5Pz)	1		
220 OHMS	220QBK-ND (5Pz)	5		
470 OHMS	470QBK-ND (5Pz)	1		
1K OHMS	1.0KQBK-ND (5Pz)	4		

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1.5K OHMS	1.5KQBK-ND (5Pz)	1	
1.8K OHMS	1.8KQBK-ND (5Pz)	1	
2.2K OHMS	2.2KQBK-ND (5Pz)	19	€0.80
2.4K OHMS 1%	P2.40KCACT-ND (10Pz)	1	€1.26
4.7K OHMS	4.7KQBK-ND (5Pz)	2	
5.6K OHMS 1%	P5.60KCACT-ND (10Pz)	1	€1.26
6.8K OHMS	6.8KQBK-ND (5Pz)	1	
10K OHMS	10KQBK-ND (5Pz)	54	€2.20
22K OHMS	22KQBK-ND (5Pz)	10	€0.80
24K OHMS 1%	P24.0KCACT-ND (10Pz)	1	€1.26
33K OHMS	33KQBK-ND (5Pz)	1	
47K OHMS	47KQBK-ND (5Pz)	4	
68K OHMS	68KQBK-ND (5Pz)	1	
100K OHMS	100KQBK-ND (5Pz)	24	€1.00
200K OHMS 1%	P200KCACT-ND (10Pz)	17	€2.52
220K OHMS	220KQBK-ND (5Pz)	8	€0.40
1M OHMS	1.0MQBK-ND (5Pz)	2	
1.5M OHMS	1.5MQBK-ND (5Pz)	1	€0.20
			€93.37

* ladyada suggested parts

** digikey only parts

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