

## Bill Of Materials For SoundMeasure

**Design Title** SoundMeasure  
**Author** Мосейчук А.В.  
**Document Number**  
**Revision** 0.1  
**Design Created** 8 декабря 2013 г.  
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**Total Parts In Design** 175

### 0 Modules

<a href="#">Quantity</a>	<a href="#">References</a>	<a href="#">Value</a>	<a href="#">Stock Code</a>	<a href="#">Unit Cost</a>
Sub-totals:				₽0,00

### 48 Capacitors

<a href="#">Quantity</a>	<a href="#">References</a>	<a href="#">Value</a>	<a href="#">Stock Code</a>	<a href="#">Unit Cost</a>
1	C1	1.0u	Digikey 478-1426-2-ND	
22	C2,C5,C7,C9-C15,C17,C20-C25,C27,C40,C43-C44,C48	100n	Farnell 499-687	
5	C3-C4,C6,C47,C49	4.7u	Digikey 495-2177-2-ND	
7	C8,C16,C18-C19,C35-C36,C46	10u	Digikey 495-2239-2-ND	
1	C28	2200u	Maplin UQ22Y	
7	C29-C33,C38-C39	22pF	Digikey 478-1142-6-ND	
2	C34,C37	10n	Farnell 422-6938	
1	C41	100n	Digikey 478-1142-6-ND	
1	C42	1u	Digikey 478-1142-6-ND	
1	C45	100n	Farnell 422-6938	
Sub-totals:				₽0,00

### 64 Resistors

<a href="#">Quantity</a>	<a href="#">References</a>	<a href="#">Value</a>	<a href="#">Stock Code</a>	<a href="#">Unit Cost</a>
1	R1	1k	Digikey P1.2KZTR-ND	
16	R2,R6,R10,R12,R18,R22,R29,R37,R43,R46,R52-R53,R62,R68-R70	10K	Digikey P10KYTR-ND	
4	R3-R5,R31	11	Digikey 311-11GTR-ND	
2	R7-R8	100K	Digikey P10KYTR-ND	
3	R9,R11,R67	1K	Digikey P10KYTR-ND	
2	R13-R14	1.0K	72-0649	
3	R15-R17	10k	72-0869	
9	R19,R23-R26,R41-R42,R44-R45	1.0K	Digikey P1.0KYTR-ND	
7	R20-R21,R33,R55-R58	100K	Digikey P100KHTR-ND	
2	R27-R28	22	Digikey 311-11GTR-ND	
1	R30	200	Digikey P100YTR-ND	
1	R32	0	Digikey 311-11GTR-ND	
2	R34-R35	39	Digikey 311-39.0HCT-ND	
1	R36	6.8K	Digikey 311-6.8KGCT-ND	
1	R38	1.0M	Digikey P10KYTR-ND	
2	R39-R40	22	Digikey P1.2KZTR-ND	
4	R47-R50	1.5K	Digikey P1.5KYTR-ND	
1	R51	470	Digikey P1.0KYTR-ND	
1	R59	100	Digikey P100YTR-ND	
1	R61	10K	Digikey P1.2KCBTR-ND	
Sub-totals:				₽0,00

### 13 Integrated Circuits

Quantity	References	Value	Stock Code	Unit Cost
1	U1	ATSAM3X8EA		
1	U2	ATMEGA16U2		
3	U3,U11-U12	LMX358ASA		
1	U4	CN3058		
1	U5	DS3231A		
1	U6	AMS1117		
1	U7	AT24C32		
1	U8	74LVC1G125DCKR		
1	U9	XPT2046		
1	U10	AD5242BR100		
1	U13	HC-04		
Sub-totals:				₽0,00

### 6 Transistors

Quantity	References	Value	Stock Code	Unit Cost
2	Q1,Q5	BC847B		
4	Q2-Q4,Q6	FDN340		
Sub-totals:				₽0,00

### 16 Diodes

Quantity	References	Value	Stock Code	Unit Cost
3	D1,D6,D8	AOZ8212CI-05		
5	D2,D5,D11,D13,D16	LED-GREEN		
4	D3-D4,D10,D14	LED-RED		
2	D7,D9	1N4148WS-7_1	Digikey 1N4148WSDITR-ND	
2	D12,D15	B160B-13	Digikey B160BDITR-ND	
Sub-totals:				₽0,00

### 28 Miscellaneous

Quantity	References	Value	Stock Code	Unit Cost
1	BAT1	3.3V		
2	F1-F2	MF-MSMF050-2 500mA	Digikey P100ZTR-ND	
1	J1	CONN-2X5-P1_27		
3	J2,J4,J10	CONN-SIL2		
1	J3	CONN-DIL6		
2	J5-J6	USB_MICROB	Digikey AE9924-ND	
1	J7	SD_TFT		
1	J8	CONN-DIL8		
2	J9,J11	AUDIO5		
4	L1,L4-L6	330nH	Digikey PCD1214CT-ND	
1	LCD1	TFT37_ILI9325		
1	LS1	SOUNDER		
2	SW1,SW5	BUTTON3		
1	SW2	BUTTON		
2	SW3-SW4	SW-PUSH4		
1	X1	CSTCE12M0G55Z-R0		
1	X2	CRYSTAL_32768		
1	X3	CSTCE16M0V53R0		
Sub-totals:				₽0,00

Totals: ₽0,00

