

# Bill Of Materials for board03-rev0

**Design Title** board03-rev0  
**Author**  
**Document Number**  
**Revision**  
**Design Created** 30 July 2016  
**Design Last Modified** 06 August 2016  
**Total Parts In Design** 61

## 12 Capacitors

<u>Quantity</u>	<u>References</u>	<u>Value</u>	<u>Package</u>
5	C1,C2,C3,C4,C5	10nF	1206_CAP
2	C7,C8	100uF	CAPAE660X790
1	C9	22uF	CAPAE430X600
4	C10,C11,C12,C13	100nF	1206_CAP

Sub-totals:

## 32 Resistors

<u>Quantity</u>	<u>References</u>	<u>Value</u>	<u>Package</u>
6	R1,R2,R3,R4,R9,R30	1.8k	1206_RES
1	R5	1k	1206_RES
2	R6,R7	18k	1206_RES
1	R8	180k	1206_RES
1	R16	690	1206_RES
15	R17,R18,R20,R21,R24,R25,R26,R27,R28,R31,R34,R35,R36,R37,R38	10k	1206_RES
1	R19	1.2k	1206_RES
4	R22,R23,R32,R33	82k	1206_RES
1	R29	2.2k	1206_RES

Sub-totals:

## 5 Integrated Circuits

<u>Quantity</u>	<u>References</u>	<u>Value</u>	<u>Package</u>
3	U1,U5,U6	TL074	SO14
1	U2	MAX4605	SO16
1	U3	TC962	SO16W

Sub-totals:

## 5 Diodes

<u>Quantity</u>	<u>References</u>	<u>Value</u>	<u>Package</u>
1	D1	S1BB	SMB
4	D4,D5,D6,D7	1N4148	SOD123

Sub-totals:

## 7 Miscellaneous

<u>Quantity</u>	<u>References</u>	<u>Value</u>	<u>Package</u>
2	J1,J4	ARDUINO-SIL8	ARDUINO-SIL8
1	J2	ARDUINO-SIL10	ARDUINO-SIL10
1	J3	ARDUINO-SIL6	ARDUINO-SIL6
1	J5	TBLOCK-I3	TBLOCK-I3
1	RV1	10k	PRE-SQ2
1	RV2	100k	PRE-SQ2

Sub-totals:

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Totals: