

**Bill Of Materials For Nahayi4.DSN**

**Design Title** : nahayi4.DSN  
**Author** : <NONE>  
**Revision** : <NONE>  
**Design Created** : ÇáĖáÇĖÇÁ, áí 19, 2015  
**Design Last Modified**: ÇáĀÑĖÚÇÁ, áí 20, 2015  
**Total Parts In Design** : 74

**19 Resistors**

<u>Quantity:</u>	<u>References</u>	<u>Value</u>	<u>Order Code</u>
4	R1, R11, R14, R16	1000k	
6	R2, R8-R10, R15, R18	1k	
3	R3-R5	3.3k	
1	R6	150k	
1	R7	680k	
1	R12	6.8k	
2	R13, R17	4.7k	
1	R19	330	

**21 Capacitors**

<u>Quantity:</u>	<u>References</u>	<u>Value</u>	<u>Order Code</u>
3	C1, C17, C21	100n	Maplin BX76H
1	C2	68pF	
1	C3	3.3n	Maplin BX73Q
4	C4-C7	1.5n	Maplin BX72P
2	C8, C9	1pF	
1	C10	560p	Maplin BX72P
1	C11	22pF	
2	C12, C14	22n	Maplin BX72P
2	C13, C15	560pF	
1	C16	100u	Maplin KQ70M
1	C18	4.7n	Maplin BX72P
1	C19	47u	Maplin KQ70M
1	C20	1u	Maplin KQ70M

**4 Integrated Circuits**

<u>Quantity:</u>	<u>References</u>	<u>Value</u>	<u>Order Code</u>
1	U1	4046	
1	U2	7812	
1	U3	LM358	
1	U4	LM3914	

**4 Transistors**

<u>Quantity:</u>	<u>References</u>	<u>Value</u>	<u>Order Code</u>
1	Q1	BC548	
3	Q2-Q4	BC183	

**10 Diodes**

<u>Quantity:</u>	<u>References</u>	<u>Value</u>	<u>Order Code</u>
3	D0, D2, D3		
3	D1, D4, D5	LED-GREEN	
2	D6, D7	LED-YELLOW	
2	D8, D9	LED-RED	

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## 16 Miscellaneous

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<u>Quantity:</u>	<u>References</u>	<u>Value</u>	<u>Order Code</u>
1	B1	18V	
7	J1-J7	PIN	
1	L1	B82422A1104K100	
1	LS1	SPEAKER	
1	RV1	100K	Digikey 3252W-104LF-ND
1	RV2	1K	Digikey 3252W-102LF-ND
1	RV3	22K	Digikey 3252W-503LF-ND
1	RV4	77k	Digikey 3252W-104LF-ND
1	RV5	5K	Digikey 3252W-203LF-ND
1	RV6	20.8K	Digikey 3252W-104LF-ND

ÇáÑÈÚÇÁ, ái 20, 2015 11:36:20 P.Ú