

KN-Q10A Part List 20110628

Part	Comments	Total Qty	Digital Board	Analog Board	PA Board	Front Panel
<b>Resistors</b>						
10 ohm	BRN-BLK-BLK-GLD-BRN	11				
27 ohm	RED-VIO-BLK-GLD-BRN	6	2	3	1	
51 ohm or 50 ohm	GRN-BRN or BLK-BLK-GLD-BRN	6				
120 ohm	BRN-RED-BLK-BLK-BRN	3				
220 ohm	RED-RED-BLK-BLK-BRN	3				
220 ohm 2W	RED-RED-BRN-GLD, Big Size	2			2	
330 ohm	ORG-ORG-BLK-BLK-BRN	5				
680 ohm	BLU-GRY-BLK-BLK-BRN	6				
1.5k	BRN-GRN-BLK-BRN-BRN	50				
3.3k	ORG-ORG-BLK-BRN-BRN	5				
4.7k	YEL-VIO-BLK-BRN-BRN	4				
10k	BRN-BLK-BLK-RED-BRN	21				
33k	ORG-ORG-BLK-RED-BRN	1	1			
100k	BRN-BLK-BLK-ORG-BRN	26				
200k or 220k	RED-BLK or RED-BLK-ORG-BRN	1		1		
1M	BRN-BLK-BLK-YEL-BRN	1	1			
10k resistor pack	103G. White dot near pin 1.	1	1			
10k trimmer	103. Blue and White. 3-pin.	3	1	1	1	
10k potentiometer	PCB mount type. Black shaft.	3				3
Part	Comments	Total Qty	Digital Board	Analog Board	PA Board	Front Panel
<b>Capacitors</b>						
2p	2. Ceramic	4		4		
10p	10. Ceramic	4		2	2	
18p	18. Ceramic	2		2		
27p	27. Ceramic	7	4	3		
33p	33. Ceramic	3		3		
68p	68. Ceramic	5	1	4		
150p	151. Ceramic	4		2	2	
270p	271. Ceramic	8	4		4	
470p	471. Ceramic	4			4	
820p	821. Ceramic	4			4	
33n	333. Ceramic. Replace by 103.	6	1	5		
100n SMD	0805 size SMD	150				
10u		11	8	2	1	
100u		1	1			
220u		1	1			
1000u		3	1		2	
Part	Comments	Total Qty	Digital Board	Analog Board	PA Board	Front Panel
<b>Diodes, Transistors and IC's</b>						
1N4148	Glass body. Band is cathode.	45	4			3
1N4007	Black body. Band is cathode.	2		2		
I321	2-pin.	8	2	6		
S8050	TO-92 3-pin.	9				
S8550	TO-92 3-pin.	10				
3SK131	V11. SMD 4-pin.	2		2		
2SC3357	RE. SMD 3-pin.	1			1	
D882	TO-126 3-pin.	3		2	1	
IRF530	TO-220 3-pin.	2			2	

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TDA2003	TO-220 5-pin.	1	1			
78L05	TO-92. Voltage regulator.	3	3			
78L09	TO-92. Voltage regulator.	3		2	1	
7809	TO-220. Voltage regulator.	1	1			
74HC138	SMD.	1	1			
74HC164	SMD.	1				1
MC145162	Use new part in upgrade kit.	1	1			
NE602 or SA602	SMD 8-pin.	1		1		
MC1350	DIP-8.	1		1		
AD9832	In the bottom of MCU.	1	1			
STC12C5A60S2	MCU. Install socket first.	1	1			
LM358	SMD 8-pin.	2	1	1		
PL2303	SMD.	1	1			
UPC1678G	SMD.	1	1			
LED	3-pin dual color.	1	1			
VJH6	Metal Body.	1		1		
PC817	DIP-4.	4	4			
<b>Part</b>	<b>Comments</b>	<b>Total Qty</b>	<b>Digital Board</b>	<b>Analog Board</b>	<b>PA Board</b>	<b>Front Panel</b>
<b>Others</b>						
12M Crystal	PL2303 Clock	1	1			
11.0592M Crystal	MCU Clock	1	1			
4.433M Crystal	IF Filter	8		8		
455k Ceramic Filter	Yellow body. 3-pin.	1	1			
4.7uH Solenoidal	YEL-VIO-GLD-SLV	1		1		
10uH Solenoidal	BRN-BLK-BLK-SLV	1	1			
82uH Solenoidal	GRY-RED-BLK-SLV	1		1		
100uH Solenoidal	BRN-BLK-BRN-SLV	8		8		
9V Relay	HK4100F-DC9V-SHG	3	2	1		
12V Relay	HK4100F-DC12V-SHG	13	1	3	9	
3.5M IFT	DIY7 3.5	4		4		
7M IFT	DIY7 7	2		2		
14M IFT	DIY7 14	3	1	2		
21M IFT	DIY7 21	2		2		
Toroid Small	NXO-100, Black	5			5	
Toroid Big	NXO-10, Gray	7			7	
Binocular Core Small	NXO-100, Black	3		1	2	
Binocular Core Big	NXO-100, Black	1			1	
Phone Jack	3.5mm stereo for key in and speaker out	2	2			
USB Connector	For computer communication.	1	1			
DC IN Connector	2.1mm type. Center positive.	1			1	
IDC Cable	Inter board connection	3	x	x	x	x
IDC Connector	Inter board connection	6	2	2	1	1
6x2 Male Connector	For LCD installation	1				1
LCD Module	0802 character type.	1				1
Encoder	PCB mount type. Metal shaft.	1				1
Chassis	Black Metal.	1				
Chassis Foot		4				
Black Chassis Screw	Used on chassis.	13				
10mm Standoff	For front panel and chassis panel.	3				3
15mm Standoff	For boards stack up.	6		3	3	
Silver Chassis Screw	For M type Ant. Connector.	4				
M3x10 10mm Screw	For chassis feet and power transistors.	7			3	

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Nut		14				
Enamel Wire		3m				
Ant. Connector	M type. Chassis mount.	1			1	
Big Freq Knob	Special machined. Aluminum.	1				1
Knob Rubber Ring	Special made. Black rubber.	1				1
Mic Connector	8-pin type socket. Plug also provided.	1				1
Push Button Switch		4				4
PCB set of 6 pcs	Including front panel and rear panel.	1	x	x	x	x
Solder Tab	For M type connector ground connection.	1			1	
Thermal Pad	Used for PA and Drv isolation with chassis.	3			3	
TO-220 Washer	Used for PA isolation with chassis.	2			2	
Shielded Audio Cable		20cm	x			x
<b>Part</b>	<b>Comments</b>	<b>Total Qty</b>	<b>Digital Board</b>	<b>Analog Board</b>	<b>PA Board</b>	<b>Front Panel</b>
<b>Upgrade Kit (Special Offer by BD6CR/4)</b>						
150p 100V Cap	151. Light green body. LPF Upgrade	2			2	
270p 100V Cap	271. Light green body. LPF Upgrade	4			4	
470p 100V Cap	471. Light green body. LPF Upgrade	4			4	
820p 100V Cap	821. Light green body. LPF Upgrade	4			4	
10n Cap	103. Ceramic. Replace all 33n.	6	1	5		
455k Ceramic Filter	Quality part. Replace the original one.	1	1			
MC145162	Brand New. Replace the original one.	1	1			
C1971	D882 Upgrade (see manual)	1			x	
TO-220 Washer	Spare part, and for C1971.	2			x	
IRF530	Spare part.	1			x	
DIP-40 IC Socket	MCU Socket	1	1			
Enamel Wire	Spare part.	2m				
10mm Standoff	Spare part.	1				
15mm Standoff	Spare part.	2				
M3x10 10mm Screw	Spare part.	3				
M3x6 6mm Screw	Used in chassis	6				
Nut	Spare part.	6				
Washer	Spare part.	6				