

parts list for crystal radio 1/31/19

Item	Vendor	# required	part number
#6 ring terminal	Digi-Key	19	WM9516-ND
33 mm diam knob	Newark	1	MC21052
diode	Mike's Electronic Parts	1	1N34A-25
transducer, piezo	Mouser	1	539-PT4175WQ
2 7/8 x 5 3/4 x 1/2 white high density polyethylene (HDPE) base, antenna coil	McMaster-Carr	1	8619K474
5 3/4 x 5 3/4 x 1/2 white high density polyethylene (HDPE) base, tuner coil	McMaster-Carr	1	8619K474
transformer, Bogen	CAM Electronics	1	t725
variable capacitor 384 pf	Mike's Electronic Parts	1	
22 AWG enameled wire	Amazon.com	87 feet	22SNSP
5 3/4 x 4 1/2 x 3/16 clear polycarbonate faceplate	McMaster-Carr	1	8574K54
3" PVC pipe	Turney's	4.5 inches	
#6-32 pan machine screw 1"	McMaster-Carr	8	91772A153
#4-40 nut	McMaster-Carr	4	91841A005
#6 nut	McMaster-Carr	15	91841A007
#4-40 pan machine screw 1"	McMaster-Carr	4	91772A115
#6 machine screw 5/16 flat head	McMaster-Carr	2	91771A145
22 AWG stranded wire	Jameco	6 feet	2206627
4-40 1/2 inch sleeve	Digi-Key	4	878K-ND
red binding post	Newark	1	26W6767
black binding post	Newark	1	86T1707
ring terminal for binding post, 1/4 inch stud	McMaster-Carr	6	7113K552
#6 1 inch flat head sheet metal screw	McMaster-Carr	2	90065A153
			total

parts for audio amplifier 1/31/19

Item	Vendor	# required	part number
10 K ohm pot, linear, 1 turn	Newark	1	93A1A-B28-A15L
red binding post	Newark	1	26W6767
black binding post	Newark	1	86T1707
33 mm diam knob	Newark	1	MC21052
LM386 IC	Newark	1	41K5102
SPST toggle switch	Newark	2	94T9223
10 ohm resistor	Newark	1	95W5935
100 microF cap	Newark	1	79K3589
PCB Board	Newark	1	54T9643
8 pin DIP socket	DigiKey	1	AE9986-ND
0.1 microF cap	DigiKey	1	BC2665CT-ND
10 microF cap	Newark	1	70K9699
1/2 inch spacer	DigiKey	4	878K-ND
1/8 inch audio jack	Newark	1	54M1763
9 V battery strap	DigiKey	1	84-4K-NE
9 V battery clip	DigiKey	1	71K-ND
4 x 3 1/4 x 3/16 clear polycarbonate faceplate	McMaster Carr	1	8574K54
5 x 4 x 1/2 white high density polyethylene (HDPE) base	McMaster Carr	1	8619K474
#4-40 1" pan machine screw	McMaster Carr	4	91772A115
#4-40 nut	McMaster Carr	4	91841A005
#2 7/16" sheet metal screw	McMaster-Carr	2	92470A102
Schottky diode	DigiKey	1	1N5817-TPCT-ND
22 AWG solid black wire 12 inches	Jameco	1	36792
22 AWG black stranded 18 inches	Jameco	1	2206601
22 AWG stranded red 24 inches	Jameco	1	2206627
22 AWG stranded green 5 inches	Jameco	1	2206651
#6 1 inch flat head sheet metal screw	McMaster-Carr	2	90065A153

Mike's Electronic Parts

<https://www.mikeselectronicparts.com/>

Digi-Key

<https://www.digikey.com/>

Newark

<https://www.newark.com/>

Mouser

<https://www.mouser.com/>

McMaster-Carr

<https://www.mcmaster.com/>

CAM Electronics

<http://www.camelectronics.com/>

Jameco

<https://www.jameco.com/>