

Number	Part Number	Mouser Part #	Description	Quantity		Board Designator	K9HZ Semi-KIT
1	C1206C470K5GAC7800	80-C1206C470K5G	CAP CER 47pf 50V X7R 1206	1	C1		0
2	C1206C104K5RAC7800	80-C1206104K5RAC7867	CAP CER 0.1UF 50V X7R 1206	15	C2, C3, C4, C5, C9, C10, C12, C13, C14, C15, C17, C20, C21, C23, C25		0
3	C1206C103K5RAC	80-C1206C103K5RACTM	CAP CER 0.01UF 50V X7R 1206	4	C7, C8, C16, C19		0
4	CC1206MRY5V9BB105	603-CC126MRY5V9BB105	CAP CER 1uF 50V Y5V 1206 20%	1	C18		0
5	CL31A106KBHNNNE	187-CL31A106KBHNNNE	CAP CER 10 UF 50V X7R 1206	2	C6, C11		0
6	EEV107M035A9HAA	80-EEV107M035A9HAA	Alum CAP SMD 35V 100uF 20%	1	C22		0
7	K101J15C0GH5TL2	594-K101J15C0GH5TL2	MLCC - Leaded 100pF 100V 5% C0G	3	C24*		0
8	PCB SMA CONNECTORS	712-CON SMA001-G	PCB Mount SMA Connectors - Female	2	J1, J2		0
9	PTT Connection - IDC Pins	571-872242	IDC Pins - 1x2 on 2.54MM centers	1	J3		0
10	Power Connector	651-1715721	Phoenix Terminal Power Connector	1	J4		0
11	FB-43-101	KITSANDPARTS dot COM	FB43 Small Bead - Single Pass Small Wire	1	L1		1
12	FT50-43 Core	KITSANDPARTS dot COM	FT50-43 Small Core w/ 7T #20 TFE wire.	1	L2		1
13	IRLML9301TRPBF	942-IRLML9301TRPBF	IRLML9301TRPBF	1	Q1		1
14	CPH3455	863-CPH3455-TL-W	CPH3455	1	Q1*		0
15	RD16HHF1	VARIOUS	RD16HHF1	2	Q2, Q3		2
16	MMBT3904-HF	750-MMBT3904-HF	MMBT3904 SOT-23	1	Q4		1
17	RC1206FR-075R1L	603-RC1206FR-075R1L	SMD 5.1 Ohms 250 mW 1206 1%	2	R10, R11		0
18	RC1206FR-076R8L	603-RC1206FR-076R8L	SMD 6.8 Ohms 250 mW 1206 1%	1	R1		0
19	RMCF1206FT100R	708-RMCF1206FT100R	SMD 100 Ohms 250 mW 1206 1%	2	R4, R5		0
20	CRCW1206680RFKEAC	71-CRCW1206680RFKEAC	SMD 680 Ohms 250 mW 1206 1%	2	R2, R3		0
21	RMCF1206FT750R	708-RMCF1206FT750R	SMD 750 Ohms 250 mW 1206 1%	2	R12, R13		0
22	RC1206FR-071KL	603-RC1206FR-071KL	SMD 1000 Ohms 250 mW 1206 1%	11	R6, R7, R8, R9, R14, R15, R16, R17, R18, R19, R23		0
23	CR1206-FX-2201ELF	652-CR1206FX-2201ELF	SMD 2.2K Ohms 250 mW 1206 1%	2	R6*, R7*		0
24	WCR1206-10KFA	756-WCR1206-10KFA	SMD 10K Ohms 250 mW 1206 1%	3	R22, R24, R25*		0
25	3296W-1-102LF	652-3296W-1-102LF	Trim Res 1/4W 1Kohms 10% Vertical Adjust 3296W	2	R20, R21		0
26	BN-43-2402	KITSANDPARTS dot COM	BN-43-2402 Wind with #30 Transformer Wire	2	T1, T2		2
27	BN-43-3312	KITSANDPARTS dot COM	BN-43-3312 Wind with #20 PTFE Silver Plated Wire	1	T3		1
28	OPA2674ID	595-OPA2674ID	OPA2674ID	1	U1		1
29	L78L09ACUTR	511-L78L09ACU	L78L09ACUTR	1	U2		1
30	#30 Transformer Wire	Remington Industries (eBay)	#30 Transformer Wire	1 ft	For T1, T2		1
31	#20 PTFE Silver Plated Wire	eBay	#20 PTFE Coated Silver Plated Wire	1 ft	For T3		1
32	PCB	K9HZ 20W PA PCB	Custom K9HZ PCB	1	PCB		1
33		Search Amazon	Aluminum Heat Heatsink 150mm(L) x69mm(W) x36mm(H) - \$12.99 delivered	1	HEATSINK		0

* = Options/ alternates - See Build Text