HF Amplifier 10-50Watt **BOM (Bill of materials) / Daftar Komponen** **https://www.ye3cif.com/**

Item #	*Designator	*Qty	Name / Value	*Package/Footprir	Manufacturer	*Mfg Part #	Type	Notes
1	C1,C5,C7,C8,C9,C10,C11,C12,C13,C14,C15,C16,C17	13	104	CAP X			TH	Multilayer Capacitor
2	C2	1	102	CAP X			TH	Multilayer Capacitor
3	C3,C4	2	472	CAP X			TH	Multilayer Capacitor
4	C6	1	100uF	E2-5			TH	Elco
5	C18	1	1000uF	CAP-TH_BD10.0-P5	SAMYOUNG(韩	MHA 25V 1000UF	TH	Elco
6	C19	1	104	CAP XX			TH	Multilayer Capacitor
7	C20,C22,C24	3	820pF	CAP XX			TH	CAP 1KV/2KV
8	C21	1	1500pF	CAP XX			TH	CAP 1KV/2KV
9	C23,C25	2	430pF	CAP XX			TH	CAP 1KV/2KV
10	C26,C28,C30	3	180pF	CAP XX			TH	CAP 1KV/2KV
11	C27	1	330pF	CAP XX			TH	CAP 1KV/2KV
12	C29,C31	2	100pF	CAP XX			TH	CAP 1KV/2KV
13	C61	1	100uF	CAP-TH_BD6.3-P2.5	CX(承兴)	KF107M016E05R	TH	Elco
14	D1,D2	2	1N4148	DO35-7_SDR			TH	Dioda
15	DC1	1	12-13.8V	CONN-TH_DG127-5	DEGSON	DG127-5.08-02P-	TH	DC Connector
16	H1	1	+9VTX	HDR-F-2.54_1X2			TH	from +9Vtx Exciter
17	J1	1	LPF CONTROL	HDR-M-2.54_1X8			TH	from Exciter
18	J6	1	ANT	HDR-M-2.54_1X1			TH	Antenna Out
19	J7	1	GND	HDR-M-2.54_1X1			TH	GND
20	JP1	1	TX IN	CONN-TH_2P-P2.50	null	XH2.54-2P 直插	TH	from exciter
21	JP2	1	RX IN	CONN-TH_2P-P2.50	null	XH2.54-2P 直插	TH	to Rx Antena
22	K1,K2,K3,K4,K7	5	HRS2H-S-DC12V-N	RELAY-TH_HRS2H-S	HUIKE	HRS2H-S-DC12V-I	TH	Relay 12v 8Pin
23	L1	1	Toroid-Single	FT37-2PIN			TH	Ferit Hitam 1-2cm / 0.5-0.8mm email/ 10T
24	L2,L3,L4,L5,L6,L7,L8,L9	8	Toroid-Single	T50-2 COIL			TH	Toroid T50-2 = 80-40M Band Toroid T50-6 = 20-10M Band
25	Q1	1	2SC1971	2SC1971_HOR			TH	Driver
26	Q2,Q3	2	RD16HHF1	RD16HHF1-TO220U-YE3CIF			TH	RD15Hvf1 /RD16HHF1
27	Q4,Q5	2	IRF520	IRF520-TO220U-YE	IR	IRF520NPBF	TH	Optional /Power lebih besar
28	R1,R2	2	10	R_AXIAL-0.3 SDR			TH	0.25Watt Resistor
29	R3	1	220	R_AXIAL-0.3 SDR			TH	0.25Watt Resistor
30	R4	1	82/100	R_AXIAL-0.3 SDR			TH	0.25Watt Resistor
31	R5	1	560	R_AXIAL-0.3 SDR			TH	0.25Watt Resistor
32	R6,R12,R13	3	680	R_AXIAL-0.3 SDR			TH	0.25Watt Resistor
33	R7,R8	2	2R2	R_AXIAL-0.3 SDR			TH	0.25Watt Resistor
34	R9,R10	2	1K	R_AXIAL-0.3 SDR			TH	0.25Watt Resistor
35	R11,R49	2	1K	RTRIM64W			TH	Top Adjust Trimpot
36	R14	1	4R7/2W	AXIAL RN55 SDR			TH	1Watt / 2 Watt
37	T1	1	Trifillar 5T	FT37-6 PIN			TH	Ferit Hitam 1cm / 0.4-0.5mm email/ Triffilar4-10T
38	T2	1	BN43-3312	BN43-3312				Primer 1T /Skunder 2T
39	U7	1	AMS1117-5.0	SOT-223_L6.5-W3.5	AMS	AMS1117-5.0	SMD	REG