

BOM Driver Board		
ที่	รายละเอียดอุปกรณ์	อ้างอิง
1	CAPACITOR,0.1uF,100 V,1206,SMD Ceramic	C101,C104,C116,C120,C150,C153,C155
2	CAPACITOR,1nF,100 V,1206,SMD Ceramic	C102,C105,C119,C151,C154
3	CAPACITOR,100pF,100 V,1206,SMD Ceramic	C103,C118,C152,C157
4	CAPACITOR,220 uF,35V,Electrolite	C115,C156,C158
5	CAPACITOR,100 uF,50V,Electrolite	C121
6	CAPACITOR,0.1uF,100 V,0603,SMD Ceramic	C106,C124,C128,C134,C139,C141,C144,C147
7	CAPACITOR,1nF,100 V,0603,SMD Ceramic	C107,C109,C123,C125,C129,C132,C135, C138,C142,C145,C148
8	CAPACITOR,100pF,100 V,0603,SMD Ceramic	C108,C110,C111,C114,C122,C127,C130, C131,C137,C143,C146,C149
9	CAPACITOR,22 uF,16 V,3528,Tantalum 125°C	C126,C133,C136,C140
10	CAPACITOR,Trimmer	C112,C113
11	RESISTOR,3.9kΩ,1206,1/4 W,+/- 5%	R101,R112
12	RESISTOR,10kΩ,1206,1/4 W,+/- 5%	R113
13	RESISTOR,130Ω,1206,1/4 W,+/- 5%	R106
14	RESISTOR,27Ω,0603,1/4 W,+/- 5%	R102
15	RESISTOR,0Ω,0603,1/4 W,+/- 5%	R103,R107,R108
16	RESISTOR,300Ω,0603,1/4 W,+/- 5%	R104,R105
17	RESISTOR,560Ω,2 W,+/- 5%	R109
18	RESISTOR,1kΩ,1206,1/4 W,+/- 5%	R110,R111
19	INDUCTOR,1 uH,1210	L101
20	INDUCTOR,18nH,1210	L102
21	INDUCTOR,33nH,1210	L103
22	INDUCTOR,470nH ,2A	L104
23	Ferrite beads	L105
24	AB604-89	U102
25	KSD1621	U103
26	MJF15030	U104
27	78L05	U105
28	RD15HVF1	U106
29	Tranformer	TR1

BOM PA Output Board		
ที่	รายละเอียดอุปกรณ์	อ้างอิง
1	CAPACITOR,100pF,100 V,1812,SMD Ceramic	C201,C206,C209,C216,C221
2	CAPACITOR,1nF,100 V,1812,SMD Ceramic	C202,C207,C210,C215,C220
3	CAPACITOR,0.1uF,100 V,1210,SMD Ceramic	C203,C208,C211,C214
4	CAPACITOR,100 uF,100V,Electrolite	C204,C205,C225

BOM PA Output Board		
ที่	รายละเอียดอุปกรณ์	อ้างอิง
5	CAPACITOR,1nF,100 V,1210,SMD Ceramic	C212,C213,C217,C222
6	CAPACITOR,120pF,100 V,1210,SMD Ceramic	C218,C223
7	CAPACITOR,43pF,100 V,1210,SMD Ceramic	C219,C224
8	dimeter 0.14 1inch,length 54cm ,15 ohm	COAX201,COAX203
9	dimeter 0.25 1inch,length 54cm ,50 ohm	COAX202
10	Choke 8 turns, size1.5mm,dimeter 2cm	L201
11		L202x2
12	ขั้วแปด	JP201,JP202,JP203,JP204

BOM PA Input Board		
ที่	รายละเอียดอุปกรณ์	อ้างอิง
1	CAPACITOR,1nF,100 V,1210,SMD Ceramic	C301,C302,C305,C310
2	CAPACITOR,43pF,100 V,1210,SMD Ceramic	C303,C308
3	CAPACITOR,120pF,100 V,1210,SMD Ceramic	C304,C309
4	CAPACITOR,100pF,100 V,1812,SMD Ceramic	C306,C311
5	CAPACITOR,1nF,100 V,1812,SMD Ceramic	C307,C312
6	CAPACITOR,1nF,100V,1206,SMD Ceramic	C313,C319,C317,C324,C327,C330,C338
7	CAPACITOR,0.1uF,100V,1206,SMD Ceramic	C314,C316,C320,C322,C325,C326,C329,C332,C333,C335,C339
8	CAPACITOR,22 uF,16 V,3528,Tantalum 125°C	C315,C321
9	CAPACITOR,100pF,100 V,1206,SMD Ceramic	C318,C323,C328,C331
10	CAPACITOR,100 uF,50V,Electrolite	C334
11	CAPACITOR,220 uF,35V,Electrolite	C336,C337
12	CAPACITOR,Trimmer	C340
13	CAPACITOR,300pF,100 V,1210,SMD Ceramic	C341
14	CAPACITOR,27pF,100 V,1210,SMD Ceramic	C342
15	RESISTOR,20kΩ,1206,1/4 W,+/- 5%	R301,R302
16	RESISTOR,1kΩ,1206,1/4 W,+/- 5%	R303,R304,R306
17	RESISTOR,3kΩ,1206,1/4 W,+/- 5%	R305
18	RESISTOR Trimpot,20kΩ	VR301,VR302
19	RESISTOR Trimpot,1kΩ	VR303
20	INDUCTOR,22 nH,1206	L301,L302
21	Zener Diode,18V	D301
22	2STP35	U301

BOM PA Input Board		
ที่	รายละเอียดอุปกรณ์	อ้างอิง
23	7812	U302
24	ขั้วแบตเตอรี่	JP301
25	เส้นลวด	JP302
26	dimeter 0.141 1inch,length 54cm ,15 ohm	COAX302,COAX203
27	dimeter 0.141 1inch,length 54cm ,50 ohm	COAX303

BOM VSWR Board		
ที่	รายละเอียดอุปกรณ์	อ้างอิง
1	CAPACITOR,220 uF,35V,Electrolite	C401,C402
2	CAPACITOR,100pF,100 V,0603,SMD Ceramic	C403,C405,C408,C412,C413,C414,C418,C419 ,C420,C421,C426,C434,C437,C440,C444,C447
3	CAPACITOR,1nF,100 V,0603,SMD Ceramic	C404,C406,C410,C417,C422,C423,C427,C431, C435,C438,C443,C446
4	CAPACITOR,0.1uF,100 V,0603, SMD Ceramic	C407,C409,C416,C425,C428,C429,C432,C436, C439,C442,C445
5	CAPACITOR,22 uF,16 V,3528, Tantalum 125°C	C411,C415,C424,C430,C433,C441
6	RESISTOR,10kΩ,1206,1/4 W,+/- 5%	R401
7	RESISTOR,0Ω,2 W,+/- 5%	R402
8	RESISTOR,90Ω,1206,1/4 W,+/- 5%	R403
9	RESISTOR,18Ω,0603,1/4 W,+/- 5%	R404,R407,R414
10	RESISTOR,300Ω,0603,1/4 W,+/- 5%	R405,R406,R408,R409,R415,R416
11	RESISTOR,0Ω,1206,1/4 W,+/- 5%	R410,R411,R412,R413,R420,R424,R429
12	RESISTOR,1kΩ,0603,1/4 W,+/- 5%	R417,R421,R422
13	RESISTOR,10kΩ,0603,1/4 W,+/- 5%	R418,R419,R423,R434
14	RESISTOR,18Ω,1206,1/4 W,+/- 5%	R425,R430
15	RESISTOR,51Ω,1206,1/4 W,+/- 5%	R426,R431
16	RESISTOR,300Ω,1206,1/4 W,+/- 5%	R427,R428,R432,R433
17	RESISTOR Trimpot,20kΩ	VR401,VR402,VR403,VR404
18	INDUCTOR,820nH,1210	L401

BOM Band Pass Filter และ Coupler		
ที่	รายละเอียดอุปกรณ์	อ้างอิง
1	C 47 pF Mica Capacitor 1000V	C1111, C1119
2	C 39 pF Mica Capacitor 1000V	C1112, C1116, C1118, C1116, C1121
3	C 20 pF Mica Capacitor 1000V	C1113
4	C 22 pF Mica Capacitor 1000V	C1115, C1117, C1120
5	C 43 pF Mica Capacitor 1000V	C1114
6	C 68 pF Mica Capacitor 1000V	C1122
7	ลวดทองแดงขนาด 3 mm พัน 1 รอบ เส้นผ่านศก. 9 mm	L1111, L1112, L1113, L1114
8	ลวดทองแดงขนาด 3 mm พัน 2 รอบ เส้นผ่านศก. 18 mm	L1115, L1116
9	Transformer 10:1	T111, T112
10	Attenuators 100 watts 20 dB, RP10975A20DBFPBK	U111, U112
11	Minicircuit Directional Coupler 20 dB, ADC-20-4	U113, U114
12	R 50 Ω	R111, R112, R113
13	SMA connector	J111

BOM VSWR Board		
ที่	รายละเอียดอุปกรณ์	อ้างอิง
19	Ferrite bread	L402,L403
20	zener 18V	D401
21	2STP535	U401
22	7812	U402
23	78L05	U403
24	AG604	U404
25	SVA-2000+	U405
26	LM358	U406
27	LM358	U407
28	LM358	U408
29	HSMS-2822	U409
30	HSMS-2822	U410