



Raymarine Limited

4kW Open Array Radars

FCC ID: PJ5MTX5-S3

Parts Lists

Index	
Mod/PSU PCB	4357-024
LNC	4346-006
IF PCB	4346-025

4kW Open Array Scanner Unit - Mod/PSU PCB

PCB	PART NUMBER	DESCRIPTION	Qty per	CCT designators
4357-024	3036-199-A	H/S Bracket	1	BRKT1
4357-024	15096	H/S Clip	2	CLIP1, CLIP2
4357-024	07299	CONNECTOR PicoFlex2x9	1	CN2
4357-024	07371	Molex-39-30-1080	1	CN3
4357-024	07349	Molex-KK-1x4-RA	1	CN5
4357-024	07307	CONNECTOR MOLEX_MINIFITJR_1X2	1	CN6
4357-024	07370	CONNECTOR PicoFlexx2x5	1	CN7
4357-024	07369	Wago-733-368	1	CN8
4357-024	07368	Molex-KK-1x3-RA	1	CN9
4357-024	-	Wago-256-404/406	1	CN10
4357-024	93041000P	CAPACITOR 1n	24	C1, C2, C3, C4, C6, C7, C8, C9, C10, C11, C12, C13, C14, C15, C16, C80, C92, C102, C140, C141, C159, C215, C252
4357-024	930147P	CAPACITOR 47p	2	C202, C509
4357-024	93BDHXXX4N7	CAPACITOR 4n7	5	C23, C24, C27, C129, C130
4357-024	93070U1	CAPACITOR 100n	52	C25, C26, C28, C32, C41, C66, C69, C70, C71, C72, C73, C74, C74, C76, C77, C81, C82, C83, C96, C101, C104, C105, C106, C107, C108, C116, C117, C118, C124, C135, C137, C145, C158, C160, C191, C192, C193, C195, C206, C217, C218, C219, C226, C227, C235, C237, C238, C239, C241, C242, C243, C246, C251
4357-024	9301470P	CAPACITOR 470p	10	C34, C35, C36, C37, C38, C89, C90, C91, C196, C209
4357-024	03083	CAPACITOR 2n2	2	C39, C40
4357-024	03132	CAPACITOR 680u	4	C44, C47, C133, C172
4357-024	03083	CAPACITOR 2n2	1	C103
4357-024	93BDHXXX2N2	CAPACITOR 2n2	1	C229
4357-024	03134	CAPACITOR 1000u	2	C123, C110
4357-024	03135	CAPACITOR 220u	5	C111, C136, C149, C150, C151, C152, C155, C213

PCB	PART NUMBER	DESCRIPTION	Qty per	CCT designators
4357-024	03093	CAPACITOR 100n	2	C120, C121
4357-024	9300220P	CAPACITOR 220p	5	C127, C128, C199, C220, C262
4357-024	93040U01	CAPACITOR 10n	17	C42, C45, C48, C55, C56, C57, C75, C84, C85, C87, C100, C122, C132, C203, C204, C210
4357-024	930433N	CAPACITOR 33n	2	C88, C134
4357-024	93BDHBXX330P	CAPACITOR 330p	1	C139
4357-024	9306105X7R	CAPACITOR 1u	10	C62, C64, C65, C114, C115, C143, C144, C245, C249
4357-024	03151	CAPACITOR 47n	5	C51, C52, C53, C146, C154
4357-024	93HEFEXX4U7	CAPACITOR 4u7	4	C142, C147, C207, C208
4357-024	93HEHEXX1U	CAPACITOR 1u	1	C148
4357-024	03135	CAPACITO 220u	3	C149, C150, C151
4357-024	03090	CAPACITOR 1n	1	C153
4357-024	03148	CAPACITOR 47p	2	C156, C157
4357-024	930122P	CAPACITOR 22p	1	C200
4357-024	93060U47	CAPACITOR 470n	1	C79
4357-024	03121	CAPACITOR 33p	1	C222
4357-024	03138	CAPACITOR 4n7	1	C228
4357-024	03128	CAPACITOR 2u2	1	C232
4357-024	03149	CAPACITOR 100u	1	C234
4357-024	03162	CAPACITOR 220p	2	C263, C264
4357-024	03122	CAPACITOR 4n7	1	C67
4357-024	932410U	CAPACITOR 10u	1	C60
4357-024	03152	CAPACITOR 100n	1	C94
4357-024	03134	CAPACITOR 1000u	2	C110, C123,
4357-024	03093	CAPACITOR 1u	1	C113
4357-024	930133P	CAPACITOR 33p	1	C194
4357-024	9300150P	CAPACITOR 150p	1	C199
4357-024	93070U1	CAPACITOR 100n	1	C216
4357-024	9324100U	CAPACITOR 100u	2	C65, C66
4357-024	W-LINK	W-L	1	C221
4357-024	9203BZX12V	DIODE BZX84C12V	5	D1, D12, D13, D14, D34
4357-024	9200UF1A200V	DIODE MURS120T3	2	D29, D54
4357-024	920010BQ060	DIODE 10BQ060	7	D19, D21, D23, D61, D62, D64, D65

PCB	PART NUMBER	DESCRIPTION	Qty per	CCT designators
4357-024	9200BAV99	DIODE BAV99	2	D38, D22
4357-024	9200BAS19	DIODE BAS19	8	D8, D9, D10, D26, D40, D60, D63, D66
4357-024	02087	DIODE UF180	2	D27, D28
4357-024	02082	DIODE BYV27-200	1	D33
4357-024	9203BZX84C5V1	DIODE BZX84C5V1	1	D39
4357-024	02074	DIODE BZV85-C18	1	D41
4357-024	9200BAV70	DIODE BAV70	2	D52, D53
4357-024	02077	DIODE UX-FOB	2	D56, D57
4357-024	02078	DIODE UF5404	2	D58, D59
4357-024	15249	FERRITE BL01RN1-A62	2	FB1, FB3
4357-024	15347	HEATSINK SW50-2	2	HT1, HT2
4357-024	3036-172	HEATSINK 3036-172	1	HT3
4357-024	07350	JUMPER MOTOR-ON	1	JP1
4357-024	-	LABEL	2	LABEL1, LABEL2
4357-024	15185	INDUCTOR 100uH	3	L6, L7, L8
4357-024	9600L1	BEAD_L1	6	L2, L3, L5, L9, L10, L13
4357-024	9400PC357D	OPTO PC357-D	4	OP1, OP2, OP3, OP4
4357-024	3015-185-C/D	3015-185	1	PCB
4357-024	05052	TRANSISTOR STP60N05FI	7	Q1, Q5, Q9, Q13, Q14, Q15, Q16
4357-024	05045	TRANSISTOR IRF540/IRFP2807	1	Q21
4357-024	9500BC846	TRANSISTOR BC846	6	Q3, Q7, Q11, Q22, Q29, Q39
4357-024	9500BC807	TRANSISTOR BC807	1	Q23
4357-024	9500BC856	TRANSISTOR BC856	4	Q2, Q6, Q10, Q25
4357-024	9500IMT1	TRANSISTOR IMT1	2	Q24, Q26
4357-024	9500IMX1	TRANSISTOR IMX1	6	Q17, Q27, Q34, Q38, Q40, Q43
4357-024	95002N2222A	TRANSISTOR 2N2222A	3	Q20, Q28, Q44
4357-024	95003904	TRANSISTOR 2N3904	3	Q35, Q36, Q37
4357-024	05056	TRANSISTOR IRFP450	1	Q41
4357-024	95003906	TRANSISTOR 2N3906	3	Q4, Q8, Q12
4357-024	95001MZ1	TRANSISTOR 1MZ1	2	Q18, Q19
4357-024	26008	RIV-SCREW	7	RIV1, RIV2, RIV3, RIV4, RIV5, RIV6, RIV7
4357-024	01205	THERMISTOR PTH9M04BC222TS2F333	1	RT1
4357-024	91072KEVM	VARIABLE RESISTOR 2K	1	RV1
4357-024	91031K	RESISTOR 1K0	1	R3
4357-024	91061K8	RESISTOR NF/1K8	1	R178

PCB	PART NUMBER	DESCRIPTION	Qty per	CCT designators
4357-024	910615K	RESISTOR 15K	2	R7, R255
4357-024	910647K	RESISTOR 47K	9	R14, R46, R52, R193, R260, R264, R265, R266, R360
4357-024	9106100K	RESISTOR 100K	12	R28, R33, R34, R47, R113, R114, R115, R128, R176, R286, R345, R350
4357-024	910647R	RESISTOR 47R	19	R75, R76, R81, R82, R87, R88, R129, R135, R136, R137, R138, R139, R140, R154, R155, R167, R186, R317, R318
4357-024	91064K7	RESISTOR 4K7	28	R25, R37, R38, R39, R44, R45, R53, R54, R55, R61, R62, R63, R74, R77, R80, R83, R86, R89, R110, R127, R130, R142, R164, R196, R254, R358, R361, R624, R628, R631, R0
4357-024	91062K2	RESISTOR 2K2	11	R21, R48, R60, R72, R73, R78, R79, R84, R85, R94, R296
4357-024	910310K	RESISTOR 10K	39	R22, R32, R40, R57, R59, R64, R65, R66, R104, R108, R132, R133, R166, R188, R195, R197, R201, R267, R268, R269, R270, R271, R272, R273, R274, R275, R280, R281, R284, R287, R288, R298, R304, R305, R306, R312, R355, R362
4357-024	910622R	RESISTOR 22R	3	R141, R144, R313
4357-024	9103100R	RESISTOR 100R	16	R20, R93, R96, R98, R143, R146, R156, R157, R158, R159, R198, R199, R203, R257, R283, R293
4357-024	9106470R	RESISTOR 470R	5	R30, R100, R101, R103, R145
4357-024	910310R	RESISTOR 10R	10	R8, R9, R95, R97, R99, R116, R119, R147, R352, R356
4357-024	91031K	RESISTOR 1K0	29	R10, R15, R16, R17, R18, R42, R58, R106, R117, R124, R148, R149, R150, R151, R152, R153, R171, R194, R259, R262, R276, R277, R285, R297, R308, R343, R344, R347, R351
4357-024	9106220R	RESISTOR 220R	6	R23, R29, R49, R50, R51, R160
4357-024	91035K6	RESISTOR 5K6	6	R24, R27, R43, R162, R311, R349
4357-024	91033K3	RESISTOR 3K3	7	R31, R41, R70, R109, R112, R163, R309

PCB	PART NUMBER	DESCRIPTION	Qty per	CCT designators
4357-024	9106680R	RESISTOR 680R	1	R165
4357-024	01211	RESISTOR 33R	3	R172, R202, R322
4357-024	01208	RESISTOR 0R1	3	R173, R174, R175
4357-024	91062K7	RESISTOR 2K7	2	R307
4357-024	91036K8	RESISTOR 6K8	7	R181, R182, R183, R184, R185, R310, R348
4357-024	910622K	RESISTOR 22K	2	R111, R187
4357-024	9103270R	RESISTOR 270R	3	R191, R192, R278
4357-024	91061K5	RESISTOR 1K5	4	R71, R248, R258, R263
4357-024	910333K	RESISTOR 33K	3	R36, R261, R291
4357-024	910639K	RESISTOR 39K	1	R290
4357-024	91061K8	RESISTOR 1K8	1	R292
4357-024	910327K	RESISTOR 27K	5	R26, R56, R67, R68, R294
4357-024	91031K	RESISTOR 1K	3	R299
4357-024	91060R0	RESISTOR 0R0	1	R1
4357-024	910310R	RESISTOR 10R	2	R329, R330
4357-024	910333K	RESISTOR 33K	1	R190
4357-024	910368K	RESISTOR 68K	1	R314
4357-024	01227	RESISTOR 470K	1	R315
4357-024	91061R0	RESISTOR 1R0	4	R316, R319, R320, R321
4357-024	01238	RESISTOR 10R	3	R90, R91, R92
4357-024	91040R47	RESISTOR 0R47	2	R327, R328
4357-024	01239	RESISTOR 4R7	1	R338
4357-024	01190	RESISTOR 4R7	1	R339
4357-024	01191	RESISTOR 10R	1	R340
4357-024	01231	RESISTOR 20M	1	R102
4357-024	910612K	RESISTOR 12K	1	R346
4357-024	01226	RESISTOR 22R	1	R357
4357-024	01225	RESISTOR 1K0	1	R323
4357-024	9106220K	RESISTOR 220k	1	R35
4357-024	9106120R	RESISTOR 120R	1	R12
4357-024	91063R3	RESISTOR 3R3	1	R13
4357-024	91DCFXXX1R0	RESISTOR 1R0	1	R11
4357-024	01234	RESISTOR 220K	1	R242
4357-024	91062K2	RESISTOR 2K2	1	R131
4357-024	910615K	RESISTOR 15K	3	R134, R161, R179

PCB	PART NUMBER	DESCRIPTION	Qty per	CCT designators
4357-024	91060R0	RESISTOR 0R0	3	R169, R250, R252
4357-024	910656K	RESISTOR 56K	1	R189
4357-024	910647K	RESISTOR 47K	1	R289
4357-024	91040R47	RESISTOR 0R47	2	R324, R326
4357-024	01232	RESISTOR 470K	1	R342
4357-024	91061R0	RESISTOR 1R0	1	R359
4473-002	21117	ST-SCREW-4X12MM	4	SCRW2, SCRW3, SCRW4, SCRW5
4473-002	15306	TO247-SILPAD	2	SIL1, SIL2
4473-002	3030-210	TRANSFORMER 3030-210	1	TX1
4473-002	3030-212	TRANSFORMER 3030-212	1	TX3
	7234	TERMINAL WAGO-256-TERM	4	TERM1, TERM2, TERM3, TERM4
	9600CHOKE1	CHOKE TDK-ZJYS51R5-4P	1	T1
4473-002	15400	CHOKE B82726-A2602-N1	1	T3
	940074HC86	INTEGRATED CIRCUIT 74HC86	1	U1
4473-002	9400431	INTEGRATED CIRCUIT TL431-SO8	1	U7
4473-002	9400UCC3800	INTEGRATED CIRCUIT UCC3800	1	U8
4473-002	940074LS221	INTEGRATED CIRCUIT 74LS221	2	U2, U11
4473-002	940074HC14ST	INTEGRATED CIRCUIT 74HC14	1	U12
4473-002	94004427	INTEGRATED CIRCUIT TC4427	1	U13
4473-002	9400LM324	INTEGRATED CIRCUIT LM324	2	U3, U14
4473-002	9400MC33035DW	INTEGRATED CIRCUITMC33035DW	1	U4
4473-002	43009	RED	1	VARNISH
4473-002	01219	VARISTOR V56ZA2	1	VR1
4473-002	23042	FIBRE-WASHER	8	WASH1, WASH2, WASH3, WASH4, WASH5, WASH6, WASH7, WASH8

Pathfinder' Scanner Unit - LNC (Low Noise Converter)

PCB	PART NUMBER	DESCRIPTION	qty per	CCT designators
4346-006	9102100R	RESISTOR 100R, 0805	2	R5, R8
4346-006	910210K	RESISTOR 10K+-5% 0805 0.1W	6	R7, R19, R23, R27, R46, R47
4346-006	910210R	RESISTOR 10 OHM 0805	3	R25, R29, R31
4346-006	91021K	RESISTOR 1K+-5% 0805 0.1W	0	R6
4346-006	910233RU	RESISTOR 33R, 0805 (INVERTED)	4	R32, R33, R39, R40
4346-006	910247R	RESISTOR 47R+-5% 0805 0.1W	7	R1, R2, R9, R20, R24, R28, R45
4346-006	910268RU	RESISTOR 68R, 0805 (INVERTED)	1	R34
4346-006	910310K	RESISTOR, 10K 1% 1206	2	R35, R36
4346-006	9103270R	RESISTOR 270R 1206	1	R12
4346-006	91035K6	RESISTOR 5K6, 1206	2	R10, R18
4346-006	91060R0	RESISTOR 0R0, 1206	1	R38
4346-006	910612K	RESISTOR 12K, 1206	1	R42
4346-006	9106220K	RESISTOR 220k OHM 1206	2	R17, R21
4346-006	91062K7	RESISTOR 2K7 OHM, 1206	1	R11
4346-006	91064K7	RESISTOR 4K7, 1206	1	R41
4346-006	9200BAS16	DIODE SOT23 BAS16	1	D4
4346-006	9200BAV99	BAV99 DIODE	4	D10, D11
4346-006	9200HSMS2800	SCHOTTKY DIODE HSMS 2800	1	D5
4346-006	9201BAT14	DUAL SIL. SCHOTTKY MIX DIODE	2	D6, D7
4346-006	9205BABLIM1	LIMITER DIODE	1	D3
4346-006	9205DADLIM1	LIMITER DIODE	1	D1
4346-006	9205MICVAR1	MICROWAVE ABRUPT VARACTOR	1	D8
4346-006	9205MUMLIM1	LIMITER DIODE	1	D2
4346-006	93001000P	CAPACITOR 1000pF, 0805	8	C10, C11, C19, C28, C29, C36, C37, C39
4346-006	93010P5	CAPACITOR 0.5pF, 0805 ROHM	14	C3, C4, C5, C6, C7, C8, C9, C16, C20, C25, C26, C30, C31, C41
4346-006	930139P	CAPACITOR 39pF 0805	2	C32, C33
4346-006	932410U	CAPACITOR 10uF, 16VDC ELECT	3	C34, C35, C40
4346-006	9400431	IC TL431 SO8 REG3-36L	1	U1
4346-006	9500BSR18A	BSR 18A	2	Q1, Q3
4346-006	9500FHX35	LOW COST MICROWAVE HEMT	3	MTR1, MTR2, MTR3

4kW Open Array Scanner unit - IF PCB

PCB	PART NUMBER	DESCRIPTION	qty per	CCT designators
4346-025	03135	CAP. 220uF ELECT., 25V	2	C256, C257
4346-025	07299	PICOFLEX HEADER - 18 WAY	1	P4
4346-025	07370	PICOFLEX HEADER (10 WAY)	1	P2
4346-025	15234	SHIELDED VARIABLE COIL, 220nH	6	L4, L7, L8, L9, L10, L11
4346-025	15279	CRYSTAL 4.9152MHz HC49/4	1	X1
4346-025	9103100R	RESISTOR 100R, 1206	11	R103, R216, R79, R97, R379, R319, R320, R321, R380, R130, R113
4346-025	910310K	RESISTOR, 10K 1% 1206	48	R22, R32, R36, R41, R44, R45, R46, R47, R48, R90, R136, R137, R327, R330, R163, R209, R351, R318, R312, R314, R316, R317, R75, R367
4346-025	910310R	RESISTOR 10R, 1206	4	R210, R332, R338, R339
4346-025	910315K	RESISTOR 15K, 1% 1206 1/8W	1	R98
4346-025	91031K	RESISTOR 1K, 1206	19	R361, R369, R13, R20, R24, R33, R34, R322, R63, R101, R145, R202, R104, R113, R114, R115, R122, R134, R143
4346-025	910333K	RESISTOR 33K, 1206	2	R162, R331
4346-025	91033K3	RESISTOR 3K3 1% 1206	18	R8, R10, R54, R76, R117, R219, R315, R370, R371
4346-025	9103510R	RESISTOR 510R, 1206 0.1W	4	R6, R12, R366, R377
4346-025	9103560R	RESISTOR 560R, 1206	6	R59, R105, R125, R201, R218, R310
4346-025	91035K6	RESISTOR 5K6, 1206	1	R212
4346-025	910368K	RESISTOR 68K, 1206	1	R49
4346-025	910382R	RESISTOR 82R, 1206	1	R362
4346-025	91060R0	RESISTOR 0R0, 1206	3	R342, R343, R378
4346-025	9106100K	RESISTOR 100K, 1206	4	R19, R300, R324, R326
4346-025	9106120R	RESISTOR 120R, 1206 1/8W	1	R102
4346-025	910612K	RESISTOR 12K, 1206	1	R146
4346-025	910615K	RESISTOR 15K, 1206	2	R303, R306
4346-025	9106180R	RESISTOR 180R, 1206	2	R17, R155
4346-025	91061K2	RESISTOR 1K2, 1206	1	R64, R142
4346-025	91061K5	RESISTOR 1K5, 1206	5	R93, R139, R220, R302, R138
4346-025	91061K8	RESISTOR 1K8, 1206	14	R60, R51, R215, R53, R55, R74, R96

PCB	PART NUMBER	DESCRIPTION	qty per	CCT designators
4346-025	9106220K	RESISTOR 220k OHM 1206	1	R140
4346-025	9106220R	RESISTOR 220R, 1206	2	R31, R334
4346-025	910622K	RESISTOR 22K, 1206	5	R42, R123, R124, R91, R213
4346-025	910622R	RESISTOR 22 OHM 1206	6	R111, R112, R116, R126, R127, R129
4346-025	91062K2	RESISTOR 2K2, 1206	11	R11, R35, R52, R206, R344, R345, R346, R347, R364, R365, R372
4346-025	91062K7	RESISTOR 2K7 OHM, 1206	3	R16, R65, R15
4346-025	9106330K	RESISTOR 330K, 1206	3	R119, R37, R50
4346-025	9106330R	RESISTOR 330R, 1206 0.1W	3	R73, R144, R211
4346-025	9106390R	RESISTOR 390R, 1206	2	R25, R208
4346-025	91063K9	RESISTOR 3K9, 1206	1	R100
4346-025	9106470R	RESISTOR 470R, 1206	16	R26, R27, R28, R70, R72, R131, R203, R118
4346-025	910647K	RESISTOR 47K, 1206	6	R128, R304, R305, R328, R329, R373
4346-025	910647R	RESISTOR 47R, 1206	3	R14, R21, R381
4346-025	91064K7	RESISTOR 4K7, 1206	11	R71, R78, R311, R309, R349, R352, R353, R354, R355, R375, R376
4346-025	9106680R	RESISTOR 680R, 1206	10	R18, R87, R106, R217, R89, R141, R307, R308, R350, R363
4346-025	910668R	RESISTOR 68R, 1206	2	R23, R29
4346-025	91071KEVM	POT. 1kOHM TRIMMER	1	R99
4346-025	910825253006	NTC THERMISTOR	1	RT1
4346-025	9200BAS16	DIODE SOT23 BAS16	26	D1, D3, D5, D11, D12, D16, D18, D22, D26, D27, D28, D34, D35
4346-025	9200BAV70	DIODE BAV70	2	D7, D8
4346-025	9200BAV99	BAV99 DIODE	1	D19
4346-025	9200HSMP3830	DIODE HSMP-3830	1	D17
4346-025	9205BF999	SILICON MOSFET	4	Q31, Q32, Q34, Q35
4346-025	930112P	CAPACITOR 12pF 0805	4	C1, C90, C237, C250
4346-025	930115P	CAPACITOR 15pF 0805	2	C63, C64
4346-025	930118P	CAPACITOR 18pF 0805	1	C83
4346-025	93011P5	CAPACITOR 1.5pF 0805	1	C67
4346-025	930122P	CAPACITOR 22P, 0805	11	C45, C48, C50, C53, C55, C74, C80, C92, C94, C119, C120
4346-025	930127P	CAPACITOR 27pF 0805	6	C65, C97, C56
4346-025	9301680P	CAPACITOR 680pF, 0805	1	C252

PCB	PART NUMBER	DESCRIPTION	qty per	CCT designators
4346-025	9302100P	CAPACITOR 100pF, 0805	5	C43, C85, C95, C219, C221
4346-025	9302220P	CAPACITOR 220p, 0805	3	C44, C253, C255
4346-025	9302470P	CAPACITOR 470P, 0805	3	C8, C40, C254
4346-025	93040U01	CAPACITOR 0.01uF, X7R	9	C25, C38, C42, C69, C75, C208, C229, C230, C231
4346-025	93041000P	CAPACITOR 1000pF, 0805	60	C6, C13, C15, C17, C32, C47, C52, C71, C82, C87, C88, C89, C93, C123, C204, C205, C206, C207, C209, C210, C211, C214, C215, C217, C218, C223, C228, C239, C249, C244
4346-025	93070U1	CAPACITOR .1uF, 1206	24	C7, C12, C29, C39, C73, C112, C113, C125, C129, C200, C201, C202, C203, C224, C226, C227, C233, C238, C240, C242, C258, C259, C260, C262
4346-025	9324100U	CAPACITOR 100uF ELECT. 6.3VDC	5	C16, C111, C114, C225, C243
4346-025	932410U	CAPACITOR 10uF, 16VDC ELECT	36	C9, C10, C18, C19, C20, C24, C46, C51, C81, C102, C110, C128, C212, C213, C232, C247, C261, C251
4346-025	940024022	RESET CONTROLLER S24O22 +2KMEM	1	U18
4346-025	9400431	IC TL431 SO8 REG3-36L	1	U20
4346-025	940078P054	PROM - 8BIT MICRO	1	U13
4346-025	940088346	CONVERTER, 8-BIT,12 CHANNEL	1	U1
4346-025	9400AD8307AR	LOG AMP IC - AD8307AR	1	U22
4346-025	9400DS34C87	CMOS QUAD DRIVER DS34C87	1	U12
4346-025	9400DS75176	TRANSCEIIC	1	U17
4346-025	9400MC1350D	IF AMPLIFIER WITH AGC	2	U9, U10
4346-025	9400TL084	QUAD OP-AMP	5	U6, U7, U8, U11, U21
4346-025	95002SK2103	TRANSISTOR, POWER MOSFET	2	Q39, Q41
4346-025	95003904	TRANSISTOR NPN FMMT3904CTR-ND	36	Q3, Q4, Q5, Q6, Q7, Q9, Q10, Q13, Q14, Q18, Q21, Q22, Q36, Q37, Q43, Q45, Q47, Q48
4346-025	9500BC817	BC817	2	Q40, Q42
4346-025	9500BFR92A	TRANSISTOR 5GHz WIDEBAND	2	Q44, Q46
4346-025	9500BSR18A	BSR 18A	9	Q8, Q11, Q12, Q15, Q16, Q19, Q23, Q33, Q38

PCB	PART NUMBER	DESCRIPTION	qty per	CCT designators
4346-025	9500MSA1105	MSA-1105 SIL. BIPOLAR MMIC	1	AR1
4346-025	9600CLH110	CONNECTOR, 20 WAY SMD	1	P1
4346-025	9600L1	CHIP INDUCTOR	4	L12, L13, L16, L18
4346-025	9600L13	INDUCTOR, 3.3uH +/-20%	8	L15, L17, L20, L21, L22, L23, L24, L25
4346-025	9600L3	CHIP INDUCTOR, 10uH +/-20%	3	L1, L6, L26
4346-025	9600L4	CHIP INDUCTOR, 220nH +/-20%	4	L2, L3