RP24RA4D Part List

Item	Reference	Qty	Part Name	Description	VALUE
1	CON4	1	1.27mm_6pin_3X2	1.27mm_6pin_3X2	1.27mm_6pin_3X2
2	CON3	1	1.27mm_6pin_3X2	1.27mm_6pin_3X2	1.27mm_6pin_3X2
3	ANT	1	2.45GHz ANTTENA WIRE_ANT	2.45_ANT	2.4GHz
4	U2	1	8-Bit Microcontroller (MCU)	AVR MCU ATmega48PA-10MU (MLF 32M1-A)	MEGA48PA
5	CON1	1			CHANNEL 4
6	FL1	1	2.4GHz Band Pass Filter	DWF2R2440G04	DWF-244
10	U1	1	MG2455-F48	MG2455-F48 QFN48	MG2455-F48
12	BL3	1	LDB15C101A2400	LDB212G4010C-001	Balun(100ohm)
16	C3, C8	2	C1005COG104J050T050D	GRM155R71C104KA88D	0.1uF
18	C12	1	C1005COG103J050T050D	GRM155R71C103KA01D	10nF
24	C2, C9, C18, C19, C31	5	C1005COG100J050T050D	GRM1555C1H100JZ01D	10pF
26	C6, C7	2	C1005COG130J050T050D	GRM1555C1H130JZ01D	13pF
27	C36	1	C1005COG153J050T050D	GRM155R71C153KA01D	15nF
29	C1, C5	2	C1005COG090J050T050D	GRM155C1H090JZ01D	9pF
37	C20, C30, C32, C33	4	C1005COG221J050T050D	GRM1555C1H221JZ01D	220pF
38	C29	1	C1005COG8R2J050T050D	GRM155C1H8R2JZ01D	8.2pF
42	L2, L3	2	82nH +-5%	LQG15HS82NJ02D	82nH
50	R8, R9, R10, R15	4	CR0402 471R 5% 470ohm REEL	CR020471J002	470
53	R1, R11, R20	3	CR0402 103R 5% 10Kohm REEL	CR020103J002	10K
54	R3	1	CR0402 154R 5% 150Kohm REEL	CR020154J002	150K
57	R21, R4, R5	3	CR0402 221R 5% 220ohm REEL	CR020221J002	220
58	R17	1	CR0402 823R 5% 82Kohm REEL	CR020823J002	82K
62	C11, C13	2	GRM188R60J106ME47D	GRM39-035 X5R 106M 6.3V	10uF/6.3V
63	L1	1	LG HK 1608 3N9S-T	LG HK 1608 3N9S-T	3.9nH
64	LED3	1	1608 Pure Green	TG102	P-GREEN
66	LED1	1	1608 WHITE	201	WHITE
67	C10	1	CAP TANTAL 476/6.3V 2012	CAP TANTAL 476/6.3V 2012	47uF/6.3V
68	C4	1	CAP TANTAL 226/10V 2012	CAP TANTAL 226/10V 2012	22uF/10V
69	SW2	1	SKRE (RA)	Side push (RA)	ID SET
71	SD3	1	Schottky Diode 1.5A SMF	SMFB23L-RTK/P	SMFB23L
72	U3	1	ELM 7527XB SOT23	ELM7527XB	ELM7527XB
73	X2	1	16MHz FL160003	16MHz FL160003 10PPM	16.000MHz
74	C35	1	CAP TANTAL 105/10V 2012	TCSCN1A2012KPAR	10uF/10V
76	U4	1	XC6201 SOT-89 REEL	XC6201P332PR	3.3V/150mA
77	X1	1	14.7456MHz GX-750	14.7456MHz GX-750	14.7456MHz