

208U-A1 BOM

Number	Part Name	Part Type	Amount	REF. DESIG.
1	CAP	0.5P	1	C415
2	CAP	1P	5	C9 C12 C75 C77 C423
3	CAP	2P	1	C7
4	CAP	3P	2	C10 C407
5	CAP	4P	2	C30 C24
6	CAP	5P	8	C8 C11 C13 C401 C402 C403 C404 C406
7	CAP	6P	1	C1
8	CAP	7P	5	C405 C411 C413 C417 C420
9	CAP	9P	1	C424
10	CAP	10P	2	C6 C31
11	CAP	12P	3	C3 C414 C421
12	CAP	15P	1	C5
13	CAP	18P	2	C63 C418
14	CAP	33P	1	C23
15	CAP	47P	2	C15 C20
16	CAP	100P	2	C64 C801
17	CAP	1000P	33	C2 C4 C14 C16 C17 C21 C25 C26 C27 C28 C29 C34 C66 C67 C68 C71 C72 C73 C76 C83 C91 C92 C93 C95 C96 C97 C412 C419 C426 C429 C506 C802 C803
18	CAP	0.01uF	2	C84 C431
19	CAP	0.22uF	2	C32 C69
20	CAP	0.47uF	1	C62
21	CAP	1uF	1	C0
22	TANTALUM CAP	1uF	1	C94
23	TANTALUM CAP	3.3uF	1	C22
24	TANTALUM CAP	10uF	1	C98
25	RES	0 Ω	1	R0
26	RES	4.7 Ω	2	R5 R7
27	RES	47 Ω	1	R14
28	RES	100 Ω	3	R4 R415 R801
29	RES	150 Ω	1	R1
30	RES	180 Ω	1	R62
31	RES	220 Ω	5	R11 R46 R405 R410 R414
32	RES	330 Ω	2	R404 R409
33	RES	470 Ω	3	R9 R10 R47
34	RES	1K Ω	5	R6 R8 R38 R44 R48
35	RES	2.2K Ω	1	R61

ROGERS LABS, INC.
4405 W. 259th Terrace
Louisburg, KS 66053
Phone/Fax: (913) 837-3214

Speed Products Indy
MODEL: 208SU
Test #: 020918 FCCID#: 0D9 208SU
Test to: FCC Parts 2 and 90

Number	Part Name	Part Type	Amount	REF. DESIG.
36	RES	4.7K Ω	4	R13 R42 R402 R407
37	RES	10K Ω	7	R12 R43 R49 R50 R65 R66 R413
38	RES	15K Ω	2	R60 R401 R406
39	RES	22K Ω	3	R63 R64 R416
40	RES	27K Ω	1	R40
41	RES	33K Ω	1	R412
42	RES	47K Ω	3	R2 R3 R800
43	RES	56K Ω	1	R39
44	RES	100K Ω	2	R41 R45
45	RES	220K Ω	1	R15
46	INDUCTOR	FB-66	1	L20
47	INDUCTOR	1uH	2	L5 L501
48	INDUCTOR	10uH	1	L407
49	INDUCTOR	18nH	1	L7
50	INDUCTOR	39nH	1	L6
51	TRANSISTOR	2SC2712	1	Q14
52	TRANSISTOR	2SC4226	3	Q3 Q5 Q7
53	TRANSISTOR	2SC3356	2	Q2 Q4
54	TRANSISTOR	2SC5065	1	Q6
55	TRANSISTOR	UN2214	2	Q1 Q13
56	TRANSISTOR	2SA1162	1	Q12
57	TRANSISTOR	XN1401	1	Q11
58	TRANSISTOR	XN1214	1	Q10
59	RF POWER	M68710H	1	IC2
60	DIODE	1SS184	1	D10
61	DIODE	MA704WK	1	D3
62	DIODE	1SS314	2	D1 D2
63	ZENER	DTZ2.4	1	D11
64	TRIMMER POTENTIOMETER	RH5K	1	RP2
65	TRIMMER POTENTIOMETER	RH47K	2	RP1 RP4
66	CRYSTAL	20.945MHZ	1	JT2
67	CRYSTAL	23.59269MHZ	1	JT1
68	FILTER	2SP21.4MHZ (NARROWBAND)	1	FL1 FL2
69	FILTER	KBF-455R-7A	1	FL3
70	FILTER	KSF465AC1	1	FL4
71	COIL	15D-R	3	L1 L2 L3
72	COIL	15E-R	1	L4
73	COIL	MD-0605S 1.5T-C-C	6	L401 L402 L403 L404 L405 L406

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Number	Part Name	Part Type	Amount	REF. DESIG.
74	E. CAP	100uF/10V	2	C50 C65
75	E. CAP	47uF/16V	1	C35
76	E. CAP	220uF/10V	1	C33
77	IF. TRANS	BFC-815683	1	L17
78	IF		1	IC13
79	PLL		1	IC12
80	AF		1	IC11
81	VCO		1	IC10
82	POTENTIOMETER	10KA	1	RP3
83	SEMI-FIX	10KA	1	VR801
84	10-CORE JACK	CT10/1.5	2	CT1 CT2
85	A1 PCB		1	

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208U-A2 BOM

Number	Part Name	Part Type	Amount	REF. DESIG.
1	CAP	22P	2	C207 C208
2	CAP	30P	2	C215 C216
3	CAP	68P	1	C265
4	CAP	100P	2	C302 C303
5	CAP	1000P	6	C218 C219 C236 C237 C238 C239
6	CAP	4700P	1	C214
7	CAP	0. 01uF	2	C217 C235
8	CAP	0. 022uF	1	C262
9	CAP	0. 047uF	3	C222 C267 C263
10	CAP	0. 22uF	2	C205 C220
11	CAP	0. 1uF	8	C210 C213 C212 C261 C268 C269 C305 C306
12	TANTALUM CAP	1uF	2	C202 C221
13	TANTALUM CAP	2. 2uF	1	C307
14	TANTALUM CAP	4. 7uF	4	C201 C266 C264 C900
15	TANTALUM CAP	10uF	1	C206
16	E. CAP	100uF	1	C271
17	RES	0	3	R0 R255 R260
18	RES	2. 2	1	R205
19	RES	10	4	R226 R263 R264 R265
20	RES	22	1	R288
21	RES	47	3	R231 R232 R284
22	RES	510	2	R201 R251
23	RES	1K	1	R206
24	RES	2. 2K	3	R235 R236 R247
25	RES	4. 7K	3	R246 R280 R211
26	RES	5. 1K	12	R207 R208 R209 R239 R240 R266 R267 R268 R269 R270 R271 R272
27	RES	6. 8K	1	R283
28	RES	8. 2K	1	R227
29	RES	10K	9	R202 R228 R237 R238 R250 R253 R262 R273 R304
30	RES	18K	2	R289 R302
31	RES	22K	2	R307 R249
32	RES	33K	1	R904
33	RES	39K	2	R281 R275
34	RES	47K	2	R233 R257
35	RES	100K	6	R204 R254 R286 R301 R902 R900
36	RES	150K	3	R234 R303 R905

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208U-A2 BOM

Number	Part Name	Part Type	Amount	REF. DESIG.
37	RES	220K	2	R203 R903
38	RES	360K	1	R305
39	RES	470K	1	R210
40	RES	680K	1	R287
41	RES	1M	1	R221
42	NETWORKS RES	10K X 4	3	RN1 RN2 RN3
43	TRIMMER POTENTIOMETER	220K	1	VR4
44	ZENER	DTZ2.4	1	D25
45	TRANSISTOR	2SA1213	2	Q22 Q27
46	TRANSISTOR	FA1F4Z	3	Q21 Q26 Q28
47	TRANSISTOR	2SK2158	1	Q32
48	TRANSISTOR	RN2427	3	Q23 Q24 Q29
49	TRANSISTOR	UN211H	2	Q30 Q31
50	TRANSISTOR	2SC2712	1	Q60
51	LED	L-3WA	1	D21
52	IC	TC4069BFN	1	IC14
53	IC	S-81250PG-PD	1	IC7
54	IC	S-8054HM-CB	1	IC8
55	IC	MC34119	1	IC17
56	IC	AT89LV52	1	IC9
57	IC	93C66	1	IC19
58	IC	MSM6544	1	IC16
59	IC	MX828	1	IC15
60	E. CAP	100uF/6.3V	4	C203 C226 C271 C270
61	E. CAP	22uF/16V	1	C204
62	TOUCH SW	TS-1143HSE	4	K1 K2 K3 K4
63	TOUCH SW	IT1102VA	2	S1 S2
64	WAVE BAND SW	SRBM1L0800	1	SR
65	4-CORE JACK	CZ4/1.5	1	CZ3
66	10-CORE JACK	CZ10/1.5	2	CZ1 CZ2
67	SP JACK	TC38-076	1	XS1
68	MIC JACK	ST-002	1	XS2
69	CRYSTAL	11.0592MHZ	1	X1
70	CRYSTAL	4.032MHZ	1	X2
71	LCD LAMP		2	LA1 LA2
72	A2 PCB		1	

208U-IC10 BOM

Number	Part Name	Part Type	Amount	REF. DESIG.
1	CAP	0. 5P	1	C311
2	CAP	1P	2	C302 C310
3	CAP	3P	1	C306
4	CAP	4P	1	C307
5	CAP	12P	2	C314 C315
6	CAP	100P	2	C317 C320
7	CAP	1000P	11	C301 C303 C304 C305 C308 C309 C313 C319 C321 C322 C323
8	TANTALUM CAP	10U	1	C312
9	RES	22 Ω	1	R302
10	RES	47 Ω	3	R301 R307 R317
11	RES	100 Ω	1	R310
12	RES	150 Ω	1	R311
13	RES	1K	2	R312 R318
14	RES	2. 2K	3	R314 R315 R316
15	RES	5. 6K	2	R305 R308
16	RES	8. 2K	1	R304
17	RES	10K	3	R303 R306 R313
18	RES	15K	1	R309
19	INDUCTOR	27nH	1	L301
20	INDUCTOR	1uH	3	L302 L303 L306
21	TRANSISTOR	2SK508	1	Q304
22	TRANSISTOR	2SC4226	2	Q302 Q303
23	TRANSISTOR	XN1213	1	Q301
24	CAPISTER	1SV217	2	D302 D303
25	CAPISTER	1SV214	2	D304 D305
26	CAPISTER	1SV215	1	D301
27	INDUCTOR	20nH	1	L305
28	INDUCTOR	20nH	1	L304
29	IC10 PCB		1	

208U-IC11 BOM

Number	Part Name	Part Type	Amount	REF. DESIG.
1	CAP	68P	1	C610
2	CAP	220P	2	C617 C604
3	CAP	470P	1	C611
4	CAP	560P	1	C618
5	CAP	1000P	1	C616
6	CAP	2700P	1	C614
7	CAP	3300P	1	C609
8	CAP	0.01U	2	C605 C607
9	CAP	0.047U	2	C619 C612
10	CAP	0.1U	6	C601 C602 C606 C608 C613 C615
11	CAP	0.22U	1	C603
12	RES	1K	1	R603
13	RES	10K	2	R602 R609
14	RES	33K	3	R607 R611 R613
15	RES	47K	5	R615 R617 R618 R620 R624
16	RES	56K	1	R612
17	RES	100K	2	R601 R608
18	RES	220K	1	R605
19	RES	470K	2	R604 R616
20	RES	820K	1	R606
21	RES	1.8M	1	R610
22	TRANSISTOR	2SC2712Y	2	Q61 Q62
23	IC	NJM2100M	1	IC601
24	IC11 PCB		1	

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208U-IC12 BOM

Number	Part Name	Part Type	Amount	REF. DESIG.
1	RES	220	1	R203
2	RES	1K	1	R207
3	RES	1.5K	1	R208
4	RES	2.7K	1	R206
5	RES	5.1K	1	R201
6	RES	10K	4	R209 R210 R211 R212
7	RES	33K	1	R205
8	RES	100K	1	R202
9	CAP	1P	1	C205
10	CAP	10P	1	C206
11	CAP	36P	2	C208 C209
12	CAP	39P	1	C202
13	CAP	100P	1	C203
14	CAP	0.047uF	1	C211
15	CAP	0.1uF	3	C212 C213 C207
16	TANTALUM CAP	1uF	1	C204
17	TANTALUM CAP	2.2uF	1	C210
18	TRANSISTOR	2SC5065	1	Q41
19	IC	TB31202	1	
21	IC12 PCB		1	

208U-IC13 BOM

Number	Part Name	Part Type	Amount	REF. DESIG.
1	CAP	8P	1	C508
2	CAP	1000P	2	C501 C504
3	CAP	0.01U	6	C502 C503 C505 C509 C510 C512
4	CAP	0.022U	1	C511
5	CAP	0.1U	2	C506 C507
6	TANTALUM CAP	2.2U	1	C513
7	RES	100 Ω	1	R505
8	RES	220 Ω	1	R509
9	RES	1.5K	2	R502 R512
10	RES	2.2K	1	R510
11	RES	3.3K	1	R504
12	RES	39K	1	R501
13	RES	82K	1	R503
14	RES	220K	2	R507 R508
15	DIODE	1SS226	1	D501
16	TRANSISTOR	2SC2712Y	1	Q502
17	TRANSISTOR	2SC2714Y	1	Q501
18	IC	MC3361BD	1	IC501
20	IC13 PCB		1	