

Transceiver Adjustments/Tune-Up Procedure

There are no user accessible adjustments or tuning in this portable cellular transceiver. All necessary adjustments and tuning are performed during manufacture of the product. Any adjustments or tuning after service or repair are done as part of that process as special equipment is required to perform such adjustments.

Reference	Part Number	Value
C100	2189120N02	.1uF
C101	2189120N02	.1uF
C102	2189120N02	.1uF
C103	2189120N02	.1uF
C104	2189120N02	.1uF
C105	2189120N02	.1uF
C106	2189120N02	.1uF
C107	2189120N02	.1uF
C108	2189120N02	.1uF
C109	2189120N02	.1uF
C110	2189120N02	.1uF
C111	2189120N02	.1uF
C112	2189120N02	.1uF
C113	2189120N02	.1uF
C114	2189133N04	.047uF
C116	2189120N02	.1uF
C117	2189120N02	.1uF
C118	2189120N02	.1uF
C119	2189128N01	22uF
C120	2189167N01	1uF
C121	2189120N02	.1uF
C122	2113743N38	33pF
C123	2113743N38	33pF
C126	2113743L13	680pF
C128	2113743N38	33pF
C200	2189120N02	.1uF
C201	2113743L41	.01uF
C202	2189133N02	4.7uF
C203	2189133N01	.47uF
C204	2189120N02	.1uF
C205	2189133N01	.47uF
C206	2189133N02	4.7uF
C207	2189133N02	4.7uF
C208	2189133N02	4.7uF
C209	2189133N01	.47uF
C210	2189133N01	.47uF
C211	2189133N02	4.7uF
C212	2189133N02	4.7uF
C213	2189133N02	4.7uF
C214	2113743N30	15pF
C215	2113743N30	15pF
C217	2189133N01	.47uF
C218	2189133N01	.47uF
C219	2189133N01	.47uF
C220	2189133N01	.47uF

C221	2189133N01	.47uF
C222	2113743A31	1uF
C223	2113743A31	1uF
C224	2113743A31	1uF
C225	2113743A31	1uF
C228	2189128N01	22uF
C229	2189120N02	.1uF
C300	2113743N17	4.3pF
C301	2113743N10	2.2pF
C302	2113743N32	18pF
C303	2113743N38	33pF
C304	2113743L41	.01uF
C306	2113743L29	3300pF
C307	2113743L48	.022uF
C308	2113743N32	18pF
C309	2113743L21	1500pF
C310	2113743L17	1000pF
C311	2113743N18	4.7pF
C312	2113743N01	0.5pF
C314	2113743N38	33pF
C315	2113743L17	1000pF
C316	2113743L21	1500pF
C318	2113743L41	.01uF
C319	2113743L41	.01uF
C320	2113743L41	.01uF
C321	2113743L41	.01uF
C322	2113743N38	33pF
C325	2113743L41	.01uF
C326	2189120N02	.1uF
C328	2113743N42	47pF
C329	2189120N02	.1uF
C330	2113743N38	33pF
C331	2113743L41	.01uF
C332	2113743N38	33pF
C333	2113743L41	.01uF
C334	2113741F21	680pF
C335	2189106N01	390pF
C336	2189220N01	0.01uF
C337	2113743L21	1500pF
C338	2113743L41	.01uF
C339	2113743K16	.22uF
C340	2113743N26	10pF
C341	2113743N26	10pF
C342	2113743N30	15pF
C343	2113743N30	15pF
C344	2113743L13	680pF

C345	2189120N02	.1uF
C346	2113743N14	3.3pF
C347	2113743N38	33pF
C348	2189120N02	.1uF
C349	2189133N02	4.7uF
C351	2189133N02	4.7uF
C352	2113743L41	.01uF
C353	2113743N38	33pF
C354	2113743N38	33pF
C355	2113743L41	.01uF
C356	2113743L21	1500pF
C357	2113743N38	33pF
C358	2113743L41	.01uF
C359	2113743L41	.01uF
C363	2113743N38	33pF
C366	2189199N01	1000pF
C367	2113743L13	680pF
C368	2113741F11	270pF
C369	2189120N02	.1uF
C370	2113743N38	33pF
C371	2113743L41	.01uF
C372	2113743L41	.01uF
C373	2113743L41	.01uF
C374	2113743N26	10pF
C375	2113743N07	1.5pF
C376	2113743N03	1pF
C377	2113743L13	680pF
C380	2113743L41	.01uF
C400	2113743N38	33pF
D100	MA2S111	MA2S111
D101	MA2S111	MA2S111
D102	4809788E19	RSA6.1EN
D103	4809788E19	RSA6.1EN
D104	MA2S111	MA2S111
D200	4809924D25	RB063L-30
D201	MA2S111	MA2S111
D202	4888112M04	QSMR-C179
D203	4888112M04	QSMR-C179
D204	4888112M04	QSMR-C179
D205	4888112M04	QSMR-C179
D206	4888112M04	QSMR-C179
D207	4888112M04	QSMR-C179
D208	4888112M04	QSMR-C179
D209	4888112M04	QSMR-C179
D210	4888112M04	QSMR-C179
D211	4888112M04	QSMR-C179

D212	4888112M04	QSMR-C179
D213	4888112M04	QSMR-C179
D220	4809788E18	16v
D221	4809788E19	RSA6.1EN
D222	MA2S111	MA2S111
D223	MA2S111	MA2S111
D300	4809877C34	SMV1255-079
D301	4809877C34	SMV1255-079
D302	4809877C34	SMV1255-079
D303	488920N01	RB731U
F200	F0402E0R75	750mA
FL300	9185673J02	881MHz
FL301	9189218N01	119.64MHz
FL302	9103913K16	836MHz
FL303	9109170T04	856078
J101	0970312B16	67503-0020
J102	5089725K04	OBG-15S41-C2K04
J103	0987837L04	AJR45--5K2020
J104	5089189N01	JNR-1332D35
J200	0985882K01	JPM2131-MT01TR
J201	3989331K01	4 pins
J202	5989177N01	DEV-412C
J203	G1120064-61	112X64
J300	5187970L38	MHC-188
J301	8589112N01	Contact
L300	2409154M11	6.8nH
L301	2409154M16	18nH
L302	2409377M37	270nH
L303	2409414M42	48nH HQ +/- 5%
L304	2409377M37	270nH
L307	2409377M37	270nH
L308	2409414M41	39nH HQ +/- 5%
L309	2409257L11	8.2nH +/- 5%
L312	2409257L11	8.2nH +/- 5%
L313	2409154M07	3.3nH
L314	2409154M09	4.7nH
L374	2409257L13	12nH +/- 5%
L400	2409257L24	100nH
Q101	4809605E10	DTC144EET1
Q102	4809939C41	FDG6303N
Q106	4809605E10	DTC144EET1
Q106	4809605E10	DTC144EET1
Q107	4889125N01	DTA144EET1
Q200	FZT751	FZT751
Q202	5187970L41	FDC6326L
Q203	4889207N01	MMBT3906TT1

Q204	4889207N01	MMBT3906TT1
Q205	4809605E10	DTC144EET1
Q300	4809605E10	DTC144EET1
Q302	4809939C42	FDG6306P
Q304	4889207N01	MMBT3906TT1
Q305	KTC4080E	KTC4080E
Q306	4809939C42	FDG6306P
R101	0662057M50	100
R105	0662057M50	100
R106	0662057N30	200K
R107	0662057M98	10K
R108	0662057M50	100
R110	0662057M50	100
R113	0662057N19	68K
R115	0662057N23	100K
R116	0662057N23	100K
R117	0662057N26	130K
R118	0662057M98	10K
R119	0662057M88	3.9K
R120	0662057M98	10K
R121	0611077A18	4.7
R122	0662057N23	100K
R123	0662057M98	10K
R124	0662057M98	10K
R129	0662057M01	0
R130	0662057M01	0
R131	0662057M01	0
R132	0662057M01	0
R135	0662057N23	100K
R136	0662057N26	130K
R138	0662057M01	0
R200	0689130N01	0.2
R201	0662057N06	20K
R202	0662057M88	3.9K
R203	0662057N30	200K
R204	0662057N30	200K
R205	0611077A18	4.7
R207	0662057M82	2.2K
R208	0662057B46	10M
R209	0662057M58	220
R210	0662057M58	220
R211	0662057M58	220
R212	0662057M58	220
R213	0662057M58	220
R214	0662057M58	220
R215	0662057M58	220

R216	0662057M58	220
R217	0662057M58	220
R218	0662057M58	220
R219	0662057M88	3.9K
R220	0662057M88	3.9K
R221	0662057M88	3.9K
R222	0662057M88	3.9K
R226	0662057M98	10K
R228	0662057M58	220
R229	0662057M58	220
R230	0662057M90	4.7K
R231	0662057N19	68K
R232	0662057M50	100
R233	0662057M74	1.0K
R234	0662057M98	10K
R235	0662057M88	3.9K
R236	0662057M88	3.9K
R237	0662057N30	200K
R239	0662057M01	0
R242	0662057M01	0
R243	0662057M01	0
R301	0662057M98	10K
R303	0662057M88	3.9K
R304	0662057N06	20K
R305	0662057N06	20K
R306	0662057M74	1.0K
R307	0662057M76	1.2K
R313	0662057N19	68K
R314	0662057N30	200K
R315	0662057N30	200K
R316	0662057N30	200K
R317	0662057N30	200K
R318	0662057N02	13K
R323	0662057M32	18R
R326	0662057M32	18R
R330	0662057N11	33K
R331	0662057N16	51 K
R332	0662057M98	10K
R333	0662057M98	10K
R334	0662057M98	10K
R335	0662057M98	10K
R336	0662057M98	10K
R337	0662057N06	20K
R338	0662057M58	220
R339	0662057M32	18R
R341	0662057M98	10K

R342	0662057M90	4.7K
R343	0662057M98	10K
R344	0662057M76	1.2K
R345	0662057M98	10K
R346	0662057M58	220
R347	0662057N11	33K
R348	0662057M50	100
R355	0662057M90	4.7K
R360	0662057N03	15K
R361	0662057M82	2.2K
R362	0662057N03	15K
R364	0662057M43	51
R365	0662057M98	10K
R366	0662057M68	560
R367	0662057N16	51 K
R368	0662057M86	3.3 K
R369	0662057M98	10K
R371	0662057M98	10K
R376	0662057M74	1.0K
R377	0662057M74	1.0K
R378	0662057M47	75
R379	0662057N30	200K
R400	0662057M88	3.9K
RT200	0689118N01	50K@25C
SH100	2689056N01	RC1608 J000 CS
SH301	2689073N01	2687936M
SH302	2689073N01	2687936M
SH303	2689074N01	2689576L
SH304	2689059N01	2689059N
SP100	8089105N01	SMT-2603EF-RA
U100	PCI3610IFGC	180 pin
U101	5187970L40	LMV393MMX
U102	5187970L37	4595
U103	5109509A58	CY62148
U104	5199501J01	AT24C
U105	5187970N39	LM4864MMX
U106	5199502J01	M28W
U200	PCF50603	50603
U300	5187970L36	2324
U301	ZL20200	20200
U302	4888481N03	ENFVZ6S24
U303	ECM806	ECM806
U304	4809443R08	TCO-5815R2
U306	5889216N01	LDC18836M20B-320
Y200	4809995L09	SSP-T7