

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 Designator	Part Number	Component Value
R602	0609591M07	33 Dual Res
R905	0609591M38	12k Dual Res
R105	0660076S01	0 Ohm
R907	0662057A22	75 Ohm
R908	0662057A22	75 Ohm
R913	0662057A47	820 Ohm
R914	0662057A51	1.2k
R103	0662057M01	0 Ohm
R302	0662057M01	0 Ohm
R305	0662057M01	0 Ohm
R310	0662057M01	0 Ohm
R504	0662057M01	0 Ohm
R506	0662057M01	0 Ohm
R711	0662057M01	0 Ohm
R803	0662057M01	0 Ohm
R812	0662057M01	0 Ohm
R918	0662057M46	68 Ohm
R831	0662057M48	82 Ohm
R153	0662057M50	100 Ohm
R154	0662057M62	330 Ohms
R152	0662057M65	430 Ohms
R150	0662057M72	820 Ohms
R313	0662057M72	820 Ohms
R810	0662057M74	1k Ohm
R909	0662057M74	1k Ohm
R151	0662057M78	1.5k
R601	0662057M78	1.5k
R606	0662057M81	2k
R911	0662057M90	4.7k
R916	0662057M90	4.7k
R801	0662057M92	5.6k
R503	0662057M98	10k
R925	0662057M98	10k
R931	0662057M98	10k
R901	0662057N01	12k
R710	0662057N15	47k
R920	0662057N15	47k
R921	0662057N15	47k
R155	0662057N16	51k
R714	0662057N23	100k
R713	0662057N30	200k
R906	0662057N31	220k
R912	0662057N32	240k

R402	0662057U54	130 Ohm
R403	0662057W13	3.3 Ohms
R903	0662057W13	3.3 Ohms
RT900	0685660C01	Thermister
C150	0809084T42	6800 pF
C155	0809084T44	0.01uF
J600	0970312B16	Mini USB
J900	0985882K01	Charger Jack
J931	0987837L04	Headset Jack
J100	0988612M01	RF Switch
C401	2113743A31	1uF
C404	2113743A31	1uF
C2000	2113743A31	1uF
C808	2113743E26.	0.1uF
C809	2113743E26.	0.1uF
C818	2113743E26.	0.1uF
C821	2113743E26.	0.1uF
C314	2113743F18	2.2uF
C152	2113743L07	390pF
C151	2113743L13	680pF
C153	2113743L15	820pF
C331	2113743L17	1000pF
C154	2113743L21	1500pF
C926	2113743L21	1500pF
C176	2113743L41	.01uF
C701	2113743L41	.01uF
C705	2113743L41	.01uF
C806	2113743L41	.01uF
C810	2113743L41	.01uF
C811	2113743L41	.01uF
C812	2113743L41	.01uF
C813	2113743L41	.01uF
C815	2113743L41	.01uF
C816	2113743L41	.01uF
C828	2113743L41	.01uF
C830	2113743L41	.01uF
C831	2113743L41	.01uF
C145	2113743M24	0.1uF
C825	2113743M24	0.1uF
C826	2113743M24	0.1uF
C907	2113743M24	0.1uF
C908	2113743M24	0.1uF
C927	2113743M24	0.1uF
C943	2113743M24	0.1uF
C121	2113743N16	3.9pF
C122	2113743N16	3.9pF

C156	2113743N25	2.2pF
C850	2113743N26	10pF
C928	2113743N26	10pF
C929	2113743N26	10pF
C935	2113743N26	10pF
C937	2113743N26	10pF
C900	2113743N30	15pF
C901	2113743N30	15pF
C175	2113743N40	39pF
C177	2113743N40	39pF
C179	2113743N40	39pF
C301	2113743N40	39pF
C302	2113743N40	39pF
C330	2113743N40	39pF
C332	2113743N40	39pF
C333	2113743N40	39pF
C334	2113743N40	39pF
C936	2113743N40	39pF
C941	2113743N40	39pF
C157	2113743N54	150pF
C178	2113928C03	1uF
C602	2113928C03	1uF
C801	2113928C03	1uF
C802	2113928C03	1uF
C803	2113928C03	1uF
C805	2113928C03	1uF
C827	2113928C03	1uF
C890	2113928C03	1uF
C134	2113928C04	4.7uF
C814	2113928C04	4.7uF
C840	2113928C04	4.7uF
C909	2113928C04	4.7uF
C910	2113928C04	4.7uF
C921	2113928C04	4.7uF
C922	2113928C04	4.7uF
C933	2113928C04	4.7uF
C934	2113928C04	4.7uF
C945	2113928C04	4.7uF
C940	2113928C12	10uF
C948	2113928C12	10uF
C949	2113928C12	10uF
C911	2113928N01	0.1uF
C915	2113928N01	0.1uF
C916	2113928N01	0.1uF
C938	2113928N01	0.1uF
C942	2113928N01	0.1uF

C946	2113928N01	0.1uF
C950	2113928N01	0.1uF
C951	2113928N01	0.1uF
C402	2113928P04	1uF
C403	2113928P04	1uF
C917	2113928P04	1uF
C131	2113947B05	33pF dual
C902	2113947B05	33pF dual
C919	2113947B05	33pF dual
C930	2113948E17.	Quad Cap (0.1uF)
C133	2311049A76	2.2uF
L121	2409154M40	22nH
SH100	2689851L01	SHIELD, Athena
SH200	2689852L01	SHIELD, Algae
SH300	2689853L01	SHIELD, Neptune
SH400	2689853L01	SHIELD, Neptune
P800	2809180T01	Battery Connector
S800	4088064M01	Battery Switch
VR902	4805656W03	MMBZ5V6
Y901	4809612J43	XTAL
Q904	4809940E09.	DTC114TE
Y900	4809995L08	L08 XTAL
Q901	4813824B12	MMJT9435
Q903	4813824M28	MMBT3904
DS502	4870370B02	White Display LEDs
DS504	4870370B02	White Display LEDs
DS505	4870370B02	White Keypad LEDs
DS507	4870370B02	White Keypad LEDs
U902	4889526L03	IPD
U705	5109509A43	1.8V 4M SRAM
U900	5109879E90.	Seaweed
U150	5109923D57	Algae
U920	5187970L09	DiamondHead2
U600	5187970L15	Accessory XCVR
U400	5187970L20	LM2795BLX
U300	5189227L02	SPS Athena
U800	5199109K03	Neptune 2.5.3
U701	5199491A01	28F640W18
M900	5987772L02	Vibrator
F100	6589735L01	FUSE
FL130	9109474K05	850/1900 Dual SAW