

TRANSCEIVER ADJUSTMENTS/TUNE-UP PROCEDURE

There are no user adjustments or tuning in this mobile cellular transceiver.

Reference	Part Number	Description	Value
12V_FLASH	TPSM1_016	TEST_POINT	
A1	3987575M01	ANTENNA_CONTAC	T
C10	2113743N13	CAP	3pF
C1001	2113928N01	CAP	0.1uF
C1002	2113743L41	CAP	.01uF
C1003	2113928N01	CAP	0.1uF
C1004	2113743L41	CAP	.01uF
C1005	2113928N01	CAP	0.1uF
C1006	2113743L41	CAP	.01uF
C1007	2113928P04	CAP	1.0uF
C1008	2113743L41	CAP	.01uF
C1009	2113743L33	CAP	4700pF
C101	2113743N07	CAP	1.5pF
C1010	2113928N01	CAP	0.1uF
C1011	2113743L41	CAP	.01uF
C1012	2113743L41	CAP	.01uF
C1013	2113743L33	CAP	4700pF
C1014	2113928N01	CAP	0.1uF
C1015	2113928N01	CAP	0.1uF
C1016	2113928N01	CAP	0.1uF
C102	2113743N14	CAP	3.3pF
C103	2113743N09	CAP	2pF
C104	2113743N12	CAP	2.7pF
C105	2113743N64	CAP	7pF
C106	2113743N40	CAP	39pF
C107	2113743N40	CAP	39pF
C108	2113743N14	CAP	3.3pF
C109	2113743N03	CAP	1pF
C110	2113743N28	CAP	12pF
C111	2113743N40	CAP	39pF
C112	2113743N44	CAP	56pF
C113	2113743N40	CAP	39pF
C114	2113743N40	CAP	39pF
C115	2113743N24	CAP	8.2pF
C116	00DNP00043	CAP	DNP
C12	00DNP00043	CAP	DNP
C120	2113743N50	CAP	100pF
C1201	2113928N01	CAP	0.1uF
C1202	2113928N01	CAP	0.1uF
C1204	2113928N01	CAP	0.1uF
C1205	2113928N01	CAP	0.1uF
C1206	2113928N01	CAP	0.1uF

C121	2113743L17	CAP	1000pF
C122	2113743L17	CAP	1000pF
C123	2113743L17	CAP	1000pF
C124	00DNP00043	CAP	DNP
C125	2113743N44	CAP	56pF
C126	2113743N44	CAP	56pF
C127	2113743L17	CAP	1000pF
C128	2113743L17	CAP	1000pF
C129	2113743N18	CAP	4.7pF
C131	2113743N58	CAP	4pF
C140	2113743N50	CAP	100pF
C141	2113743L17	CAP	1000pF
C142	2113743N60	CAP	5pF
C143	2113743L17	CAP	1000pF
C144	2113743L17	CAP	1000pF
C145	00DNP00043	CAP	DNP
C146	2113743N03	CAP	1pF
C147	2113743N11	CAP	2.4pF
C150	2113743N40	CAP	39pF
C151	2113928N01	CAP	0.1uF
C152	2113928P04	CAP	1.0uF
C153	2113743L17	CAP	1000pF
C154	2113743L17	CAP	1000pF
C155DNP	2113743M08	CAP	.022uF
C156	2113743L17	CAP	1000pF
C157	2113928P04	CAP	1.0uF
C158	2113928N01	CAP	0.1uF
C160	2113743N50	CAP	100pF
C161	2113928N01	CAP	0.1uF
C162	2113743K16	CAP	0.22uF
C163	2113743N50	CAP	100pF
C164	2113743N50	CAP	100pF
C165	2113743N29	CAP	13pF
C166	2113743L17	CAP	1000pF
C168	2113743L17	CAP	1000pF
C169	2113743N40	CAP	39pF
C170	2113740F29	CAP	12pF
C171	2113743N34	CAP	22pF
C172	2113743N34	CAP	22pF
C173	2113743N34	CAP	22pF
C175	2113928P04	CAP	1.0uF
C2002	2113928C04	CAP	4.7uF
C2003	2113743L41	CAP	.01uF
C2004	2113743L41	CAP	.01uF
C2005	2113743L41	CAP	.01uF

C2006	2113743L41	CAP	.01uF
C2007	2113743L41	CAP	.01uF
C2008	2113743L17	CAP	1000pF
C2009	2113743N30	CAP	15pF
C201	2113743L01	CAP	220pF
C2010	2113743N30	CAP	15pF
C2011	2113743L41	CAP	.01uF
C2014	2113928P04	CAP	1.0uF
C2015	2113928P04	CAP	1.0uF
C2016	2.11E+09	CAP	2.2uF
C2017	2113928C04	CAP	4.7uF
C2018	2113928P04	CAP	1.0uF
C2019	2113928P04	CAP	1.0uF
C202	2113743N50	CAP	100pF
C2020	2113928C04	CAP	4.7uF
C2021	2113928C04	CAP	4.7uF
C2022	2.11E+09	CAP	2.2uF
C2023	2113928P04	CAP	1.0uF
C203	2113743L01	CAP	220pF
C204	2113743L17	CAP	1000pF
C207	2113743N01	CAP	0.5pF
C208	2113743N32	CAP	18pF
C209	2113743L29	CAP	3300pF
C210	2.11E+16	CAP	.033uF
C2101	2113743A24	CAP	0.33uF
C2102	2113928C12	CAP	10uF
C2103	2113928C12	CAP	10uF
C2104	2113928P04	CAP	1.0uF
C211	2113743N60	CAP	5pF
C214	2113743N32	CAP	18pF
C215	2113743N60	CAP	5pF
C216	2113743N12	CAP	2.7pF
C217	2113743L17	CAP	1000pF
C218	2113743L17	CAP	1000pF
C219DNP	2113743N42	CAP	47pF
C220	2113743N50	CAP	100pF
C2201	2113947B05	CAP	33pF
C221	2113928N01	CAP	0.1uF
C223	2113743L29	CAP	3300pF
C224	2113743L09	CAP	470pF
C225	2113743N50	CAP	100pF
C226	2113743L17	CAP	1000pF
C227	2113743N32	CAP	18pF
C228	2113743N42	CAP	47pF
C232	2113743N50	CAP	100pF

C233	2113743N09	CAP	2pF
C240	2113928N01	CAP	0.1uF
C241	2113928N01	CAP	0.1uF
C242	2113928C04	CAP	4.7uF
C243	2113743L17	CAP	1000pF
C244	2113743L17	CAP	1000pF
C245	2113928C04	CAP	4.7uF
C246	2113743L17	CAP	1000pF
C3000	2113928N01	CAP	0.1uF
C3001	2113928N01	CAP	0.1uF
C31	2113928N01	CAP	0.1uF
C3100	2113947H01	CAP	0.1uF
C3121	2113947H01	CAP	0.1uF
C351	2113928N01	CAP	0.1uF
C4001	2113928N01	CAP	0.1uF
C4002	2113947B05	CAP	33pF
C4003	2311049A89	CAPP	22uF
C4004	2113947H01	CAP	0.1uF
C4007	2113928N01	CAP	0.1uF
C4008	2113928P04	CAP	1.0uF
C4009	2113743L01	CAP	220pF
C4010	2113928N01	CAP	0.1uF
C4012	2113947B05	CAP	33pF
C4013	2113947H01	CAP	0.1uF
C4014	2113947H01	CAP	0.1uF
C4015	2113743N38	CAP	33pF
C4016	2113947B05	CAP	33pF
C4017	2113947H01	CAP	0.1uF
C4018	2113928N01	CAP	0.1uF
C4020	2113928P04	CAP	1.0uF
C408	2113740F41	CAP	39pF
C410	2113743N40	CAP	39pF
C411	2113928P04	CAP	1.0uF
C5001DNP	2113743L41	CAP	.01uF
C5100DNP	2.11E+07	CAP	.01uF
C5111DNP	2113743L41	CAP	.01uF
CR150	4809877C28	BBY58_06W	
CR201	4809877C29	BBY58_05W	
CR202	4809877C29	BBY58_05W	
CR3100	4.81E+14	RB715F	
D1203	4.81E+14	RB715F	
D3101	4.81E+14	RB715F	
D4010	4.81E+14	RB715F	
E1202	SHORT_RES0402	SHORT	
E1204	SHORT_RES0402	SHORT	

E2001	SHORT_RES0402	SHORT	
E2002	SHORT_RES0402	SHORT	
E2003	SHORT_RES0402	SHORT	
E2004	SHORT_RES0402	SHORT	
E2005	SHORT_RES0402	SHORT	
E21	8588547M01	ANCG11G57SMT00	9TT1
E2100	SHORT_RES0402	SHORT	
E3001	SHORT_RES0402	SHORT	
E3002	SHORT_RES0402	SHORT	
E4006	SHORT_RES0402	SHORT	
FL101	9109239M18	B7708	
FL102	9109474K04	856027	
FL121	9185646H09	855893	
FL131	9109144M03	LFB32183	
FL141	9109142L09	42L09	
FL170	9185726J06	SRMF1818FNC32B	
FL200	9109144M05	LFB32	
FL21	9109239M19	SX-B277H-HB0S	
FL22	9109170T03	HPMD-7903	
FL23	9185906G09	LFDP15N0039	
FL24	9109170T04	855904	
FL3100	4889526L02	CSPEMI-307	
FL3101	4889526L01	CSPEMI-306	
FL501	9103913K16	13K16	
J10	0987378K01	SWITCH	
J3201	0987636K05	CONN_J	
J4001	0987837L04	CONN_J	
J5001DNP	3989090L01	CONN_J	
J5100DNP	PT09LVLA92	CONN_J	
J5201	PT28PNGA02	CONN_P	
J5300DNP	0989043K01	CONN_J	
L10	2409154M11	IDCTR	6.8nH
L101	2409154M12	IDCTR	8.2nH
L102	2409154M06	IDCTR	2.7nH
L103	2409154M15	IDCTR	15.0nH
L104	2409154M21	IDCTR	47.0nH
L105	2409154M12	IDCTR	8.2nH
L106	2409154M04	IDCTR	1.8nH
L107	2409154M11	IDCTR	6.8nH
L108	2409154M13	IDCTR	10.0nH
L109	2409154M12	IDCTR	8.2nH
L11	2409154M13	IDCTR	10.0nH
L110	2409154M48	IDCTR	100nH
L111	2409154M19	IDCTR	33.0nH
L112	2409154M07	IDCTR	3.3nH

L113	2409154M10	IDCTR	5.6nH
L121	2409154M21	IDCTR	47.0nH
L122	2409154M21	IDCTR	47.0nH
L123	2485793G21	IDCTR	72nH
L124	2485793G21	IDCTR	72nH
L12DNP	2487319K08	IDCTR	5.6nH
L130	2409154M22	IDCTR	56.0nH
L131	2409154M22	IDCTR	56.0nH
L13DNP	2487319K08	IDCTR	5.6nH
L14	2409154M09	IDCTR	4.7nH
L140	2409154M23	IDCTR	68.0nH
L141	2409154M23	IDCTR	68.0nH
L142	2485793G19	IDCTR	180nH
L143	2485793G14	IDCTR	68nH
L150	2489711L33	IDCTR	15nH
L160	2462586G07	BLM11A102S	
L161	2462586G07	BLM11A102S	
L167	2485793G19	IDCTR	180nH
L170	00DNP00038	IDCTR	DNP
L171DNP	2409154M48	IDCTR	100nH
L200	2462586G07	BLM11A102S	
L201	2409154M37	IDCTR	12.0nH
L202	2409154M37	IDCTR	12.0nH
L203	2409154M37	IDCTR	12.0nH
L206	2489711L27	IDCTR	6.8nH
L207	2489711L27	IDCTR	6.8nH
L209	2409154M08	IDCTR	3.9nH
L210	2409154M08	IDCTR	3.9nH
L21DNP	2487319K08	IDCTR	5.6nH
L230	2462586G07	BLM11A102S	
L231	2462586G07	BLM11A102S	
L232	2462586G07	BLM11A102S	
L403	00DNP00038	IDCTR	DNP
L404DNP	2409154M48	IDCTR	100nH
M10DNP	3989579K02	CONTACT	
M2200	3987576M01	BATTERY_CONTAC	T
Q1001	4809939C39	EMD9	
Q194	4.81E+58	FDZ204P	
Q195	4880048M03	DTC144EE	
Q2101	4.81E+35	SI3443	
Q2102	4809939C31	EMD3	
Q2103	4.81E+08	2SK1830	
Q2104	4.81E+08	2SK1830	
Q2105DNP	4.81E+08	2SK1830	
Q4001	4809939C39	EMD9	

Q5001DNP	4809939C31	EMD3	
R10	00DNP00037	RES	DNP
R1000	0662057V60	RES	8.25K
R1002	0609591M25	RESNET	1K
R1003	0662057M98	RES	10K
R1006	00DNP00037	RES	DNP
R1008	0662057M78	RES	1.5K
R1010	0609591M25	RESNET	1K
R1011	0609591M37	RESNET	10K
R1012	0662057N27	RES	150K
R103	0662057U98	RES	7.5K
R104	0662057V60	RES	8.25K
R109	0662057M50	RES	100
R11	00DNP00037	RES	DNP
R1201	00DNP00037	RES	DNP
R1203	0662057M01	RES	0
R121	0662057M86	RES	3.3K
R131	0662057M85	RES	3K
R141	0662057M70	RES	680
R150	0609591M37	RESNET	10K
R151	0662057M74	RES	1K
R152DNP	0662057N15	RES	47K
R190	0662057N13	RES	39K
R191	0662057M98	RES	10K
R2006	00DNP00037	RES	DNP
R2010	0662057M28	RES	12
R2011	0662057N31	RES	220K
R202	0662057M43	RES	51
R203	0662057V61	RES	12.1K
R204	0609591M37	RESNET	10K
R205	0662057M84	RES	2.7K
R2101	0662057M84	RES	2.7K
R2102	0662057M84	RES	2.7K
R2103	0662057M76	RES	1.2K
R2105	0662057M98	RES	10K
R2106	00DNP00037	RES	DNP
R2108	0662057N15	RES	47K
R2109	0662057M98	RES	10K
R2200	0609591M37	RESNET	10K
R2201	0662057M90	RES	4.7K
R2202	0662057M50	RES	100
R227	0662057M01	RES	0
R240	0662057M50	RES	100
R242	0662057M98	RES	10K
R3000	0662057M01	RES	0

R3100	0662057M78	RES	1.5K
R3101	0609591M07	RESNET	33
R3103	0609591M49	RESNET	100K
R3105DNP	0662057M98	RES	10K
R3108	00DNP00037	RES	DNP
R3109	00DNP00037	RES	DNP
R3136	0662057N09	RES	27K
R351	0662057M28	RES	12
R4001	0609591M29	RESNET	2.2K
R4002	0662057N09	RES	27K
R4003DNP	00DNP00037	RES	DNP
R4004	0609591M25	RESNET	1K
R4005	0662057N23	RES	100K
R4007	0662057N27	RES	150K
R4008	0609591M37	RESNET	10K
R4012	0609591M29	RESNET	2.2K
R4013	0609591M53	RESNET	220K
R4014	0609591M37	RESNET	10K
R4016	0662057N13	RES	39K
R4019	0662057N09	RES	27K
R5001DNP	0662057N06	RES	20K
R5002DNP	0662057N23	RES	100K
R5100DNP	0609591M33	RESNET	4.7K
SH1	2687577M01	SHIELD	
SH2	2687578M01	SHIELD	
SH3	2687579M01	SHIELD	
SH4	2687580M01	SHIELD	
SH5	2687586M01	SHIELD	
SH6	2687587M01	SHIELD	
TP1002	TPSM0_508	TEST_POINT	
TP1003	TPSM0_508	TEST_POINT	
TP1004	TPSM0_508	TEST_POINT	
TP1005	TPSM0_508	TEST_POINT	
TP1010	TPSM1_016	TEST_POINT	
TP1011	TPSM1_016	TEST_POINT	
TP1012	TPSM1_016	TEST_POINT	
TP1013	TPSM1_016	TEST_POINT	
TP1014	TPSM1_016	TEST_POINT	
TP1015	TPSM1_016	TEST_POINT	
TP1016	TPSM1_016	TEST_POINT	
TP1017	TPSM1_016	TEST_POINT	
TP1018	TPSM1_016	TEST_POINT	
TP150	TPSM0_508	TEST_POINT	
TP151	TPSM0_508	TEST_POINT	
TP152	TPSM0_508	TEST_POINT	

TP3001	TPSM0_508	TEST_POINT	
TP3002	TPSM0_508	TEST_POINT	
TP31	TPSM0_508	TEST_POINT	
U1000	5109962C26	MSM5100	
U1001	5.11E+20	TC7S32F	
U101	5109944C50	RFR3300	
U1201	PT51PNGB45	GE28F640C3BC80	
U1202	5185130C97	28F320C3	
U1203	5109509A46	K6F1616U6A	
U150	5109817F67	IFR3300	
U151	5.11E+45	AS179_92	
U170	5109908K63	PA2001-5C	
U171	5.11E+45	AS179_92	
U194	4.81E+09	DTA114YE	
U195	4.81E+09	DTA114YE	
U200	5109944C48	RFT3100	
U2000	5187970L03	PM1000	
U2101	5187970L10	SC801	
U3000	5109962C21	62C21	
U3001	5.11E+20	TC7S32F	
U3002	5.11E+20	TC7S32F	
U31	4889695L04	LMPD0002T	
U3100	5109817F58	17F58	
U3120	5187970L15	ISP1104	
U350	4809718L15	KT18DCV28A	
U4001	5109731C24	LMV321	
U4003	5109731C34	LM4877	
U401	5109908K62	PA2001-4C	
U403	5109768D08	LM20	
VR4001	4809948D44	CSPE SD304	
VR5001	4809948D44	CSPE SD304	
VR5100DNP	4809948D44	CSPE SD304	
Y1000	4887820K04	SSR48	
Y2000	4809995L13	CC5V	
Y240	4889695L01	95L01	