

Transceiver Adjustments/Tune-Up Procedure

There are no user accessible adjustments or tuning in this fixed cellular transceiver. All necessary adjustments and tuning are performed during manufacturing 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.

PART LIST

Part Number	Description
FAF5021A	ON GLASS ANTENNA
FKN8103A	SPIRIT POWER CABLE
FTN6077A	EXTERNAL MICROPHONE
SSN4256A	EXTERNAL SPEAKER
FTN6215A	SPIRIT Hang Up Holder
FLN3107A	SPIRIT Unit Assembly with Octopus cable
FTN3106AA	C18C TANAPA
FCN6352A	Spirit main board

PART LIST OF FCN6352A (Spirit main board)

Symbol	P/N	Description
C102	2309369R41	CAP LYTIC 37 UF 20% 35
C103	2309369R41	CAP LYTIC 37 UF 20% 35
C106	2113743K16	CAP CHIP .220 UF +80-2
C107	2113743K16	CAP CHIP .220 UF +80-2
C108	2113928E01	CAP CER CHIP 1.0 UF 10
C111	2113743K15	CER CHIP CAP .100UF
C112	2113743K15	CER CHIP CAP .100UF
C113	2113741M69	CAP CHIP CLS2 100000PF
C115	2113743M24	CAP CHIP 100000 PF +80
C116	2113928S04	CAP CER CHIP 0.100UF 1
C118	2113741M69	CAP CHIP CLS2 100000PF
C122	2113928S04	CAP CER CHIP 0.100UF 1
C125	2113928S04	CAP CER CHIP 0.100UF 1
C126	2113743E20	CAP CHIP .10 UF 10%
C127	2113743E20	CAP CHIP .10 UF 10%
C131	2113743E20	CAP CHIP .10 UF 10%
C134	2113928S04	CAP CER CHIP 0.100UF 1
C138	2113743E11	CAP CHIP .039 UF 10% X
C139	2113743E11	CAP CHIP .039 UF 10% X
C140	2113743N40	CAP CHIP 39.0 PF 5% CO
C141	2113743A31	CAP CHIP 1.0 UF 10% X7
C149	2113741F25	CAP CHIP CL2 X7R REEL
C150	2113741F25	CAP CHIP CL2 X7R REEL
C151	2113743L17	CAP CHIP 1000 PF 10% X
C152	2113743L17	CAP CHIP 1000 PF 10% X
C153	2113743L17	CAP CHIP 1000 PF 10% X
C154	2108607Y02	CAP. CERAMIC 4.7UF Y5V
C155	2108607Y02	CAP. CERAMIC 4.7UF Y5V
C156	2113741F25	CAP CHIP CL2 X7R REEL
C158	2113944A40	CAP CER CHP 100.0PF 50
C159	2113944A40	CAP CER CHP 100.0PF 50
C160	2113743N40	CAP CHIP 39.0 PF 5% CO
C164	2113743N38	CAP CHIP 33.0 PF 5% CO
C166	2113743N38	CAP CHIP 33.0 PF 5% CO

C167	2113743N38	CAP CHIP 33.0 PF 5% CO
C175	2113741F17	CAP CHIP CL2 X7R REEL
C176	2113743N38	CAP CHIP 33.0 PF 5% CO
C179	2113743N38	CAP CHIP 33.0 PF 5% CO
C180	2113743N38	CAP CHIP 33.0 PF 5% CO
C181	2113743N38	CAP CHIP 33.0 PF 5% CO
C182	2113743N38	CAP CHIP 33.0 PF 5% CO
C191	2113743N38	CAP CHIP 33.0 PF 5% CO
C192	2113743N38	CAP CHIP 33.0 PF 5% CO
C193	2113946D02	CAP CER CHP 1.0UF 6.3V
C194	2113946D02	CAP CER CHP 1.0UF 6.3V
C195	2113928S04	CAP CER CHIP 0.100UF 1
C197	2113743E20	CAP CHIP .10 UF 10%
C198	2113743E20	CAP CHIP .10 UF 10%
C202	2113743A31	CAP CHIP 1.0 UF 10% X7
C208	2113928S04	CAP CER CHIP 0.100UF 1
C209	2113743N38	CAP CHIP 33.0 PF 5% CO
C210	2113743E20	CAP CHIP .10 UF 10%
C212	2311049A86	CAP TANT CHIP 1UF 10V
C220	2113741M69	CAP CHIP CLS2 100000PF
C222	2113928S04	CAP CER CHIP 0.100UF 1
C223	2113928S04	CAP CER CHIP 0.100UF 1
C225	2113740F39	CAP CHIP REEL CL1 +/-3
C226	2113740F39	CAP CHIP REEL CL1 +/-3
C227	2113928H02	CAP CER CHIP .22 UF 10
C229	2113743L17	CAP CHIP 1000 PF 10% X
C230	2113743N38	CAP CHIP 33.0 PF 5% CO
C231	2113741F25	CAP CHIP CL2 X7R REEL
C232	2113741F49	CAP CHIP CL2 X7R REEL
C233	2113741F49	CAP CHIP CL2 X7R REEL
C234	2113743A31	CAP CHIP 1.0 UF 10% X7
C235	2113741Y32	CAP CER 1,000,000 10%
C236	2113741Y32	CAP CER 1,000,000 10%
C237	2113741Y32	CAP CER 1,000,000 10%
C239	2113741Y32	CAP CER 1,000,000 10%
C240	2108607Y03	10 UF/35V, 1210, Y5V,
C242	2113741M69	CAP CHIP CLS2 100000PF
C244	2113741A45	CAP CHIP CL2 X7R REE
C246	2113740F59	CAP CHIP REEL CL1 +/-3
C247	2113928S04	CAP CER CHIP 0.100UF 1
C252	2113743E11	CAP CHIP .039 UF 10% X
C253	2113741F49	CAP CHIP CL2 X7R REEL
C254	2113741F25	CAP CHIP CL2 X7R REEL
C255	2113740F45	CAP CHIP REEL CL1 +/-3
C256	2113740F45	CAP CHIP REEL CL1 +/-3
C257	2113946D02	CAP CER CHP 1.0UF 6.3V
C258	2113743A23	CAP CHIP .220 UF 10% X
C259	2113743A23	CAP CHIP .220 UF 10% X
C260	2113741F25	CAP CHIP CL2 X7R REEL
C265	2113928S04	CAP CER CHIP 0.100UF 1

C266	2113928S04	CAP CER CHIP 0.100UF 1
C267	2113928S04	CAP CER CHIP 0.100UF 1
C268	2113928S04	CAP CER CHIP 0.100UF 1
C269	2113928S04	CAP CER CHIP 0.100UF 1
C270	2113743A31	CAP CHIP 1.0 UF 10% X7
C271	2113743A31	CAP CHIP 1.0 UF 10% X7
C272	2113928S04	CAP CER CHIP 0.100UF 1
C273	2113928S04	CAP CER CHIP 0.100UF 1
C274	2113928S04	CAP CER CHIP 0.100UF 1
C275	2113928S04	CAP CER CHIP 0.100UF 1
C276	2113743N38	CAP CHIP 33.0 PF 5% CO
C277	2113743N38	CAP CHIP 33.0 PF 5% CO
C278	2113743N38	CAP CHIP 33.0 PF 5% CO
C281	2113928S04	CAP CER CHIP 0.100UF 1
C282	2113928S04	CAP CER CHIP 0.100UF 1
C283	2113928S04	CAP CER CHIP 0.100UF 1
C284	2108607Y02	CAP. CERAMIC 4.7UF Y5V
C285	2108607Y03	10 UF/35V, 1210, Y5V,
C286	2113741Y32	CAP CER 1,000,000 10%
C287	2108607Y02	CAP. CERAMIC 4.7UF Y5V
C288	2113928S04	CAP CER CHIP 0.100UF 1
C289	2113741F49	CAP CHIP CL2 X7R REEL
C290	2113944A40	CAP CER CHP 100.0PF 50
C291	2113928S04	CAP CER CHIP 0.100UF 1
C292	2113928S04	CAP CER CHIP 0.100UF 1
C88	2113740F39	CAP CHIP REEL CL1 +/-3
C91	2311049A57	CAP TANT CHIP A/P 10UF
C92	2311049A57	CAP TANT CHIP A/P 10UF
C94	2113741F25	CAP CHIP CL2 X7R REEL
C96	2113928E01	CAP CER CHIP 1.0 UF 10
C97	2311049C55	CAP TANT CHIP 330.0 UF
C98	2311049C55	CAP TANT CHIP 330.0 UF
D1	4813833C08	DIODE GEN PURP .1A 75V
D10	4886955J02	LED GREEN SMD TLGU1008
D11	4889252U06	PHOTO EMITTER,PHOTO EM
D14	4813833B09	DIODE 1.0A 30V _130_
D15	4813833B09	DIODE 1.0A 30V _130_
D17	4813833B23	DIODE SCHOTTKY DUAL SE
D18	4813833B23	DIODE SCHOTTKY DUAL SE
D19	4813833B23	DIODE SCHOTTKY DUAL SE
D2	4813832B35	24V TRANS SUP 1.5SMC24
D20	4813833C08	DIODE GEN PURP .1A 75V
D21	4813833B23	DIODE SCHOTTKY DUAL SE
D3	4813833B02	DIODE SCHOTTKY 3.0A 40
D4	4813833B02	DIODE SCHOTTKY 3.0A 40
D55	4887565V01	OPTO,LED,QPTL610C,SM
D6	0609402U04	VARISTOR TVS ARRAY 18
D66	4887565V01	OPTO,LED,QPTL610C,SM
DS1	4888112M04	LED ARRAY,,,,,,BLU,,,
DS10	4888112M04	LED ARRAY,,,,,,BLU,,,

DS11	4888112M04	LED ARRAY,,,,,,BLU,,,
DS12	4888112M04	LED ARRAY,,,,,,BLU,,,
DS13	4888112M04	LED ARRAY,,,,,,BLU,,,
DS15	4888112M04	LED ARRAY,,,,,,BLU,,,
DS16	4888112M04	LED ARRAY,,,,,,BLU,,,
DS17	4888112M04	LED ARRAY,,,,,,BLU,,,
DS19	4888112M04	LED ARRAY,,,,,,BLU,,,
DS2	4888112M04	LED ARRAY,,,,,,BLU,,,
DS3	4888112M04	LED ARRAY,,,,,,BLU,,,
DS38	4888112M04	LED ARRAY,,,,,,BLU,,,
DS4	4888112M04	LED ARRAY,,,,,,BLU,,,
DS5	4888112M04	LED ARRAY,,,,,,BLU,,,
DS7	4889252U06	PHOTO EMITTER,PHOTO EM
DS8	4888112M04	LED ARRAY,,,,,,BLU,,,
DS9	4888112M04	LED ARRAY,,,,,,BLU,,,
E6	2402601S07	FERRITE BEAD Z=1KOHM 1
J12	0987837V01	JCK,AU,F,PCB,,SLDR,,,
J2	0908652Y05	FLEX 10PIN 0.5MM BOTTO
L10	2402601S07	FERRITE BEAD Z=1KOHM 1
L11	2402601S07	FERRITE BEAD Z=1KOHM 1
L21	2402601S07	FERRITE BEAD Z=1KOHM 1
L22	2402601S07	FERRITE BEAD Z=1KOHM 1
L23	2486640U09	IND 10UH 3.17A SHIELDE
L24	2480675U02	1206 CHIP-3AMP
L25	2480675U02	1206 CHIP-3AMP
L26	2486640U09	IND 10UH 3.17A SHIELDE
L27	2486640U09	IND 10UH 3.17A SHIELDE
L29	2480675U02	1206 CHIP-3AMP
L32	2480675U02	1206 CHIP-3AMP
L33	2480675U02	1206 CHIP-3AMP
L34	2486640U09	IND 10UH 3.17A SHIELDE
L5	2402601S07	FERRITE BEAD Z=1KOHM 1
L8	2402601S07	FERRITE BEAD Z=1KOHM 1
L9	2402601S07	FERRITE BEAD Z=1KOHM 1
M1	4389808U01	SPACER FOR SPIRIT PCB
M2	4389808U01	SPACER FOR SPIRIT PCB
M3	4389808U01	SPACER FOR SPIRIT PCB
M4	4389808U01	SPACER FOR SPIRIT PCB
M7	4389808U02	SPCR,RND,POLYCBNT
M8	4389808U02	SPCR,RND,POLYCBNT
P1	2886925J09	RECTANGULAR CONNECTOR,
P3	2886565U02	HDR 30PIN 1X1MM SMD ST
P5	0989043K01	SOCKET SMD 28P VERT
Q1	4804655P02	TRANSISTOR NPN 2SD2098
Q25	4805921T09	XSTR DUAL ROHM FMG8
Q26	4805921T09	XSTR DUAL ROHM FMG8
Q27	4805921T09	XSTR DUAL ROHM FMG8
Q31	4802393L33	MOSFET N-CHANNEL SI441
Q36	4805921T09	XSTR DUAL ROHM FMG8
Q38	4805921T11	XSTR DUAL PNP

Q39	4813824A61	TSTR PNP 50V BIAS RSTR
Q4	4804655P02	TRANSISTOR NPN 2SD2098
Q40	4813824A61	TSTR PNP 50V BIAS RSTR
Q43	4880048M01	TSTR NPN DIG 47K/47K
Q44	4813824B01	TSTR NPN 40V GEN PURP
Q46	4880141L03	TSTR PNP SOT23 LO PROF
Q61	4813823A07	XSTR N-CH TMOS FET 2N7
Q62	4883533T03	TRANS PNP BCP51
Q64	4802393L66	MOSFET P-CH
Q65	4813824A61	TSTR PNP 50V BIAS RSTR
Q68	4802393L20	TRANSISTOR PMOS SI4435
Q69	4880048M01	TSTR NPN DIG 47K/47K
Q71	4809579E16	TSTR MOSFET N-CHAN TN0
Q72	4805921T09	XSTR DUAL ROHM FMG8
Q75	4813824A25	TSTR NPN 300V .5A MMBT
Q76	4805921T09	XSTR DUAL ROHM FMG8
Q79	4813824A10	TSTR NPN 40V .2A GEN P
Q80	4813824A10	TSTR NPN 40V .2A GEN P
Q81	4880048M01	TSTR NPN DIG 47K/47K
Q82	4880048M01	TSTR NPN DIG 47K/47K
Q83	4804655P02	TRANSISTOR NPN 2SD2098
Q84	4804655P02	TRANSISTOR NPN 2SD2098
Q85	4804655P02	TRANSISTOR NPN 2SD2098
R1	0611077A18	RES CHIP 4.7 5 1/8W
R100	0662057M98	RES. CHIP 10K 5% 20X40
R108	0662057M67	RES. CHIP 510 5% 20X40
R109	0662057P20	RES CHIP 20.0K 1% 30X6
R11	0662057M98	RES. CHIP 10K 5% 20X40
R116	0662057M86	RES. CHIP 3300 5% 20X4
R12	0662057M98	RES. CHIP 10K 5% 20X40
R13	0662057M74	RES. CHIP 1000 5% 20X4
R133	0662057M50	RES. CHIP 100 5% 20X40
R135	0662057N23	RES. CHIP 100K 5% 20X4
R136	0662057M98	RES. CHIP 10K 5% 20X40
R14	0662057N23	RES. CHIP 100K 5% 20X4
R152	0662057B47	CHIP RES 0 OHMS +-.050
R158	0662057M98	RES. CHIP 10K 5% 20X40
R16	0662057A49	CHIP RES 1000 OHMS 5%
R165	0662057M98	RES. CHIP 10K 5% 20X40
R166	0662057M98	RES. CHIP 10K 5% 20X40
R17	0662057P15	RES CHIP 13.0K 1% 30X6
R174	0662057A87	CHIP RES 39K OHMS 5%
R178	0662057M90	RES. CHIP 4700 5% 20X4
R18	0662057M98	RES. CHIP 10K 5% 20X40
R181	0662057M98	RES. CHIP 10K 5% 20X40
R188	0662057M98	RES. CHIP 10K 5% 20X40
R190	0662057M90	RES. CHIP 4700 5% 20X4
R193	0662057B47	CHIP RES 0 OHMS +-.050
R194	0662057B47	CHIP RES 0 OHMS +-.050
R199	0662057U44	RES CHIP 51 1% 1/16W

R2	0611077A18	RES CHIP 4.7 5 1/8W
R20	0662057V02	RES CHIP 10K 1% 1/16W
R200	0662057U44	RES CHIP 51 1% 1/16W
R202	0662057M01	RES. CHIP 0 5% 20X40
R204	0662057N23	RES. CHIP 100K 5% 20X4
R205	0662057N35	RES. CHIP 330K 5% 20X4
R207	0662057M98	RES. CHIP 10K 5% 20X40
R208	0662057M98	RES. CHIP 10K 5% 20X40
R210	0662057M01	RES. CHIP 0 5% 20X40
R211	0662057N23	RES. CHIP 100K 5% 20X4
R212	0662057A99	CHIP RES 120K OHMS 5%
R216	0662057M01	RES. CHIP 0 5% 20X40
R218	0662057A97	CHIP RES 100K OHMS 5%
R220	0662057M98	RES. CHIP 10K 5% 20X40
R233	0662057A15	CHIP RES 39 OHMS 5%
R24	0662057A69	CHIP RES 6800 OHMS 5%
R254	0662057N06	RES. CHIP 20K 5% 20X40
R255	0662057M98	RES. CHIP 10K 5% 20X40
R258	0662057A23	CHIP RES 82 OHMS 5%
R263	0662057A49	CHIP RES 1000 OHMS 5%
R268	0662057N06	RES. CHIP 20K 5% 20X40
R269	0662057M85	RES. CHIP 3000 5% 20
R270	0662057M98	RES. CHIP 10K 5% 20X40
R271	0662057M98	RES. CHIP 10K 5% 20X40
R273	0662057A36	CHIP RES 300 OHMS 5%
R274	0662057A36	CHIP RES 300 OHMS 5%
R275	0662057A36	CHIP RES 300 OHMS 5%
R276	0662057A36	CHIP RES 300 OHMS 5%
R277	0662057A36	CHIP RES 300 OHMS 5%
R278	0662057A36	CHIP RES 300 OHMS 5%
R279	0662057A36	CHIP RES 300 OHMS 5%
R280	0662057A36	CHIP RES 300 OHMS 5%
R281	0662057N25	RES. CHIP 120K 5% 20X4
R282	0662057M01	RES. CHIP 0 5% 20X40
R283	0662057N23	RES. CHIP 100K 5% 20X4
R284	0662057M98	RES. CHIP 10K 5% 20X40
R285	0662057M98	RES. CHIP 10K 5% 20X40
R287	0662057M98	RES. CHIP 10K 5% 20X40
R289	0662057N10	RES. CHIP 30K 5% 20X40
R290	0662057N06	RES. CHIP 20K 5% 20X40
R291	0662057M98	RES. CHIP 10K 5% 20X40
R292	0662057M98	RES. CHIP 10K 5% 20X40
R293	0662057C01	CHIP RES 0 OHMS +.050
R294	0662057N23	RES. CHIP 100K 5% 20X4
R295	0662057N23	RES. CHIP 100K 5% 20X4
R296	0662057N23	RES. CHIP 100K 5% 20X4
R297	0662057N23	RES. CHIP 100K 5% 20X4
R298	0662057N23	RES. CHIP 100K 5% 20X4
R299	0662057N11	RES. CHIP 33K 5% 20X40
R3	0611077A18	RES CHIP 4.7 5 1/8W

R300	0662057N10	RES. CHIP 30K 5% 20X40
R301	0662057N13	RES. CHIP 39K 5% 20X40
R302	0662057M98	RES. CHIP 10K 5% 20X40
R303	0662057M98	RES. CHIP 10K 5% 20X40
R304	0662057M98	RES. CHIP 10K 5% 20X40
R305	0662057M98	RES. CHIP 10K 5% 20X40
R306	0662057M50	RES. CHIP 100 5% 20X40
R307	0662057M01	RES. CHIP 0 5% 20X40
R308	0662057M01	RES. CHIP 0 5% 20X40
R309	0662057A15	CHIP RES 39 OHMS 5%
R311	0662057B47	CHIP RES 0 OHMS +-.050
R312	0662057B47	CHIP RES 0 OHMS +-.050
R313	0662057B47	CHIP RES 0 OHMS +-.050
R315	0662057C51	CHIP RES 100 OHMS 5%
R316	0662057A23	CHIP RES 82 OHMS 5%
R317	0662057M01	RES. CHIP 0 5% 20X40
R319	0662057M98	RES. CHIP 10K 5% 20X40
R32	0662057A89	CHIP RES 47K OHMS 5%
R320	0662057M98	RES. CHIP 10K 5% 20X40
R321	0662057N23	RES. CHIP 100K 5% 20X4
R35	0662057M98	RES. CHIP 10K 5% 20X40
R36	0662057M74	RES. CHIP 1000 5% 20X4
R39	0662057A73	CHIP RES 10K OHMS 5%
R40	0662057A73	CHIP RES 10K OHMS 5%
R41	0662057A73	CHIP RES 10K OHMS 5%
R42	0662057N13	RES. CHIP 39K 5% 20X40
R43	0662057V02	RES CHIP 10K 1% 1/16W
R44	0662057M98	RES. CHIP 10K 5% 20X40
R45	0662057M98	RES. CHIP 10K 5% 20X40
R46	0662057M98	RES. CHIP 10K 5% 20X40
R47	0662057A73	CHIP RES 10K OHMS 5%
R48	0662057A73	CHIP RES 10K OHMS 5%
R49	0662057M98	RES. CHIP 10K 5% 20X40
R5	0689264U04	31.6 KOHM .1% 0603 .1W
R50	0662057M98	RES. CHIP 10K 5% 20X40
R51	0662057N06	RES. CHIP 20K 5% 20X40
R52	0613952E23	CER CHIP RES 16.9K OHM
R55	0662057T68	RES CHIP 1.0K 1% 30*60
R56	0662057A45	CHIP RES 680 OHMS 5%
R57	0662057T68	RES CHIP 1.0K 1% 30*60
R58	0662057T75	RES CHIP 2.0K 1% 30*60
R59	0662057M74	RES. CHIP 1000 5% 20X4
R60	0662057M74	RES. CHIP 1000 5% 20X4
R61	0662057A49	CHIP RES 1000 OHMS 5%
R62	0662057A49	CHIP RES 1000 OHMS 5%
R65	0662057N06	RES. CHIP 20K 5% 20X40
R66	0662057N09	RES. CHIP 27K 5% 20X40
R67	0662057M98	RES. CHIP 10K 5% 20X40
R71	0662057A26	CHIP RES 110 OHMS 5%
R72	0662057C53	CHIP RES 120 OHMS 5%

R86	0662057A49	CHIP RES 1000 OHMS 5%
R89	0604648P10	0.066 OHM 1/2W
R91	0662057M50	RES. CHIP 100 5% 20X40
R93	0662057C53	CHIP RES 120 OHMS 5%
R94	0662057C53	CHIP RES 120 OHMS 5%
R97	0662057M98	RES. CHIP 10K 5% 20X40
R98	0662057M98	RES. CHIP 10K 5% 20X40
R99	0662057M98	RES. CHIP 10K 5% 20X40
S41	4086218A02	SW TACT
S42	4086218A02	SW TACT
S441	4087505V01	SW,TACTILE
SH11	2686652T01	SHIELD, ODCT -B
U1	5186214J91	IC,AMP,1PER PKG,,,24MH
U17	5113806A20	IC MUX/DEMUX,TRIPLE 2-
U18	5113816A01	IC ADJ. LOW DROPOUT PO
U19	5104187K30	SWITCHING REG. LTC1624
U2	9185759B01	FLTR RC NETWORK
U25	5113818A14	IC DL OP AMP RAIL TO R
U33	4809948D44	4 CHANNEL ESD ARRAY 5-
U38	5113818A14	IC DL OP AMP RAIL TO R
U39	5113820A02	IC DUAL SING SPLY LO P
U45	4809939C39	TSTR,GEN PURPOSE SMALL
U48	5113820A02	IC DUAL SING SPLY LO P
U50	5113818A14	IC DL OP AMP RAIL TO R
U51	5186214J28	IC ANALOG SWITCH 2-CH.
U52	5186214J28	IC ANALOG SWITCH 2-CH.
U53	5186214J28	IC ANALOG SWITCH 2-CH.
U54	5186214J28	IC ANALOG SWITCH 2-CH.
U55	5186214J28	IC ANALOG SWITCH 2-CH.
U56	5113820A02	IC DUAL SING SPLY LO P
U57	1802857C10	IC,POT,,,SM,SC70-6
U58	5113818A14	IC DL OP AMP RAIL TO R
VR1	4813830A21	DIODE 8.7V 5% 225MW MM
VR10	4809948D44	4 CHANNEL ESD ARRAY 5-
VR11	4809948D44	4 CHANNEL ESD ARRAY 5-
VR2	4813830A08	DIODE 3.0V 5% 225MW MM
VR3	4805656W08	DIODE ZENER QUAD
VR30	4805656W08	DIODE ZENER QUAD
VR34	4813833B23	DIODE SCHOTTKY DUAL SE
VR35	4813830A08	DIODE 3.0V 5% 225MW MM
VR37	4813830C04	DIODE 2.4V 'C1' MMSZ52
VR38	4813830G06	DIODE 2.7V 5% 'CH' 500
VR4	4805656W08	DIODE ZENER QUAD
VR6	4805656W08	DIODE ZENER QUAD
VR7	4805656W08	DIODE ZENER QUAD