

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.

Parts List

DESCRIPTION	REFERENCE SYMBOL
CONN SMD BATT 4P 56D66 WHT	JP1
CONN COIN-BATT 2P 56M01	U4
CONN MIC 8D 56D66	X2
SKT SMD SIMM 6P ST D2.54 56D66	U2
SKT JACK AUDIO 2.5 RT AJR44-5K	J3
SKT JACK PWR D3.15 RT M2 56D66	J1
CHIP RES 10 J 1/16W	R610 R631 R633 R73 R74
CHIP RES 1K J 1/16W	R14 R18 R27 R38 R43 R44 R45 R46 R47 R72
CHIP RES 10K J 1/16W	R26
CHIP RES 100K J 1/16W	R32 R637 R64
CHIP RES 1.2K J 1/16W	R614
CHIP RES 120K J 1/16W	R23 R93
CHIP RES 15 J 1/16W	R605 R608 R612 R626 R627
CHIP RES 1.5K J 1/16W	R92
CHIP RES 20 J 1/8W 0805	R90 R91
CHIP RES 2K J 1/16W	R34 R37 R41 R89 R88
CHIP RES 20K J 1/16W	R13 R7
CHIP RES 22 J 1/8W 0805	R35 R40
CHIP RES 22 J 1/16W	BL4 R11 R4
CHIP RES 220 J 1/16W	R623 R625
CHIP RES 2.2K J 1/16W	R620
CHIP RES 22K J 1/16W	R59 R628 R629
CHIP ES 2.7K J 1/16W	R60 R613 R86
CHIP RES 33 J 1/16W	R49 R84
CHIP RES 3.3 J 1/16W	R8
CHIP RES 47 J 1/16W	R58 R619
CHIP RES 47K J 1/16W	R1 R25 R29 R36 R710 R85
CHIP RES 470K J 1/16W	R63
CHIP RES 51 J 1/16W	R638 R639
CHIP RES 5.1K J 1/16W	R615
CHIP RES 56 J 1/16W	R635 R57
CHIP RES 68 J 1/16W	R621
CHIP RES 0 J 1/16W	R15 R16 R17 R19 R2 R20 R22 R28 R33 R48 R50 R51 R54 R56 R602 R603 R604 R606 R607 R609 R630 R68 R70 R71 R76 R87
CHIP RES 0.033 J 1/4W	R702
CHIP RES 130K F 1/16W	R75
CHIP RES 1.5K F 1/16W	R703 R707
CHIP RES 220K F 1/16W	R21 R6 R9
CHIP RES 270K F 1/16W	R77
CHIP RES 43K F 1/16 W	R65
CHIP RES 470K F 1/16 W	R62
CHIP RES 68K F 1/16W	R5
CHIP RES 8.2K F 1/16W	R705
CHIP RES 82K F 1/16W	R704 R706
CHIP RES 0.2 F 1/4 W	R24
CHIP NTW 10 J8P 2.0*1.0	R632
CHIP NTW 10 J8P 2.0*1.0 CYNTEC	RN5
CHIP NTW 1K J 8P 2.0*1.0	R624
CHIP NTW 100K J8P I 2.0*1.0*.4	RN1 RN4
CHIP NTW 100K J8P I 2.0*1 CYNT	RN2

CHIP NTW 2.2K J 4P 0404	RN3
CHIP NTW 47K J 8P 2.0*1.0*0.4	RN6
CHIP ATTENUATOR 10DB EXB24ATAA	R616
CHIP IND 1NH +-0.3NH	L602 L604
CHIP IND 2.2NH +-0.3NH	R636
FILTER EMI NFM2012P13C105B 10V	L703
FILTER EMI EMIF01-10005W5SOT32	U9 U14
FILTER RF SAW B7717 1960MHZ	U66
CHIP FUSE 1A 24V F0603 1608FF	F1
SW RF ANTENNA MS-147 HIROSE	U72
THERM SMD 10K NTC NTH5G	TR1
BALUN 300HZ LDB15C101A3700	U64
IC INTF TWL3012BGM A12 BGA100	U3
IC ASIC XF741529AGHH BGA 179B	U1
IC FLASH 28F320J3ATC110 32MUBG	U5
IC SRAM CY62127BV-70 48P CSP	U6
IC VOLT SUP SIOV-CT0603S14BG	T1 T10 T2 T3 T4 T5 T8 T9
IC ANALOG SW NC7SB3157 SC70 6P	U10 U8
IC POWER AMP MAX4473EUA 8UMAX	U74
IC SWITCHPLEXER LMSP54AA-103	U75
IC LR MAX8882EUTJJ 2.85V SOT23	U90
IC RF XCVR HD155148TF TFP56P	U61
IC PWR AMP CX77304 MCM 17P	U71
IC DUAL BUFFER NC7WZ16 SC70-6P	U73
CAP ARRAY 22P 50V J0805S NPO	C643
CHIP CAP C 10P 16V D0402 NPO	C619 C702 C714 C644 C718 C723
CHIP CAP C 100P 16V J0402 NPO	C30 C39 C602 C62
CHIP CAP C 1000P 16V K0402 X7R	C614 C625
CHIP CAP C 0.01U 16V K0402 X7R	C806 C93
CHIP CAP C 10N 16V J0805 CPS	C615 C631
CHIP CAP C 0.1U 16V Z0402 Y5V	C16 C24 C25 C26 C31 C35 C36 C42 C46 C47 C5 C55 C6 C605 C620 C623 C626 C627 C629 C634 C636 C637 C638 C639 C640 C641 C642 C7 C722 C808
CHIP CAP C 1U 16V M0805 Z5U	C34
CHIP CAP C 1U 16V Z0603 Y5V	C18 C33 C38 C44 C45 C807
CHIP CAP C 10U 10V Z0805 Y5V	C17 C20 C21 C23 C29 C56 C60 C9 C90 C91 C92
CHIP CAP C 12P 16V J0402 NPO	C716
CHIP CAP C 15P 16V J0402 NPO	C1 C701
CHIP CAP C 150P 16V J0402 NPO	C40 C41
CHIP CAP C 1500P 16V K0402 X7R	C632
CHIP CAP C 180P 16V J0402 NPO	C4
CAP C 22P 16V J0402 NPO	C624 C628 C633 C805 C719 C720 C724 C57 C58
CHIP CAP C 220P 16V J0402 NPO	C613 C601
CHIP CAP C 2200P 16V K0402 X7R	C604 C603
CHIP CAP C 0.22U 16V Z0603 Y5V	C8
CHIP CAP C 0.22U 10V Z0402 Y5V	C11 C12
CHIP CAP C 2.2U 16V Z0805 Y5V	C19 C15
CHIP CAP C 27P 16V J0402 NPO	C706 C22
CHIP CAP C 33P 16V J0402 NPO	C703 C705 C710 C715 C725
CHIP CAP C 330P 16V J0402 NPO	C621 C622
CHIP CAP C 39P 16V J0402 NPO	C717 C50 C51

CHIP CAP C 3.3P 16V C0402 NPO	C607 C606
CHIP CAP C 47P 16V J0402 NPO	C53 C54 C617
CHIP CAP C 470P 16V K0402 X7R	C3
CHIP CAP C 4.7U 10V Z0805 Y5V	C37 C43
CHIP CAP C 5.6N 16V J0805 CPS	C616
CHIP CAP C 5.6P 16V D0402 NPO	C708
CHIP CAP C 68P 16V J0402 NPO	C709 C2
CHIP CAP C 8P 16V D0402 NPO	C59
CHIP CAP C 8.2P 16V D0402 NPO	L704
CHIP CAP C 0.47P 50V B0402 NPO	C731
CHIP POS-C T 330U6.3V M734331	C704
OSC 26MHZ VCTCXO-208C3 5*3.2*3	U85
VCO RF 3610-3980 ENFVJ3W2S77	U63
VCO TX 880/1850 ENFVF182SN2	U65
DIODE ARR DAN222 EM3	D14 D20
DIODE SB RB520S-30 EMD2	D18 D19 D2 D21
LED 1.6*0.8 Y/G WA/CL 19-21SYG	D5 D6 D7 D8 D9 D10 D11 D12
LED 2.7*1.2*1.3 22-21SYGC/S135	D13 D3 D4
DIODE S.B CRS03 30V1A PMDU	D1
XTOR UMH10N UMD 6P NPN	U7
XTOR UMH11N UM6 6P NPN P	U19
FET MOS SI1905DL PC SOT-363	Q700
XTOR UMT4401 UMT3 NPN	BQ3 BQ4
XTOR UMT4403 UMT3 PNP	BQ2
FET MOS FDG6303N NC SC70-6	U16
FET MOS FDC6506P PC SOT-6	U17
XTOR DTC143ZET1 SC-75 NPN	U15
XTOR PLANER EMD3 EMT6	U84 U86
BATTERY LI-ION3.3V2.3MAH MS614	
BAT LI-ION 3V 3.4MAH ML614S/ZT	
SPEAKER 13D 32 OHM SDRR-1328L	
MIC 58DB 2.2K WM-64MN U	
VIBRATOR LA4-432CE(TI)1.3V D66	
BUZZER 3.6V AP504Q-F3	
ANTENNA S/B PCS 1850-1990 D76	
MEMBRANE DIAL PAD SUS301 56D66	
MYLAR SIM BLACK (M1)	
COVER LCD PC 56D66	
HOLDER LCD-2 56D66	
KEYPAD P+R ENGLISH -M1	
LCD MODULE G098064-80 SYT	
ASSY CASE UPPER BLUE 56D66	
ASSY CASE LOWER SILVER 56D66	
SCRW MACH PHM1.6*3.5LB-ZN T5NY	
RF-SWITCH CAP 56D66	