

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

Part lists information follows:

13.1.11 Material List by Parts-no

Page: 1
 Date: 06/20/03
 Time: 11:10:45

R/N:ydr6068j - GD2

| C NO. | PART NO. | DESCRIPTION | SPECIFICATION | QUANTITY | REQUIRED | DWG.NO. | 631030 | REV. | OB |
|-------|---------------|-------------|--------------------------------|----------|----------|---------|--------|------|--------------------------|
| | | | | 00 | | | | | |
| | | | | 01W | | | | | REMARKS |
| | # 6310300001W | SMT M/B | T66A GA-037 | OB | | | | | |
| 1 | 0103014001W | IC INTE | PTWL3014CGGMR 100uBGA IOTA TI | 1 | - - - - | | | | U1 |
| 2 | 0151774131W | IC ASIC | PD751774GHHR 179uBGA C035 TI | 1 | - - - - | | | | U15 |
| 3 | 0199685001W | IC DSC | W99685CBM2-B100 BGA 100PIN WB | 1 | - - - - | | | | U12 |
| 4 | 0201616041W | IC SRAM | K6F1616U6A-EF70 70ns 48-TBGA | 1 | - - - - | | | | U7 |
| 5 | 0228128011W | IC FLASH | GE28F128L30T90 90ns VFPGA INT | 1 | - - - - | | | | U6 |
| 6 | 0300004051W | IC BUFFER | TC7SZU04AFE TOSHIBA | 1 | - - - - | | | | U19 |
| 7 | 0300345051W | IC LOGIC | NCP345 SOT23-5 CMOS ON SEMI | 1 | - - - - | | | | U3 |
| 8 | 0374108031W | IC LOGIC | SN74LVC1G08DCKR SC70 TI | 1 | - - - - | | | | U20 |
| 9 | 037SH04055W | IC LOGIC | TC7SHU04FU COMS SC70-5 | 1 | - - - - | | | | U18 |
| 10 | 0440152301W | IC S.R. | MP1523 SOT-23 MPS | 1 | - - - - | | | | U11 |
| 11 | 0440221101W | IC LDO | MIC2211-1.8/2.8BML MLF MICREL | 1 | - - - - | | | | U8 |
| 12 | 0440221102W | IC LDO | MIC2211-2.5/3.3BML MLF MICREL | 1 | - - - - | | | | U13 |
| 13 | 0440520501W | IC LDO | MIC5205BM-3.3 SOT23-5 MICREL | 1 | - - - - | | | | U9 |
| 14 | 0440521901W | IC LDO | MIC5219BM5 SOT23-5 MICREL | 1 | - - - - | | | | U5 |
| 15 | 04G0824102W | IC BATT.P | S-8241ABSPN-KBS-TF SON-5 SEIKO | 1 | - - - - | | | | U16 |
| 16 | 0510075901W | IC MELODY | YMU759B-Q YAMAHA | 1 | - - - - | | | | U10 |
| 17 | 0710014111W | CHIP RES | 10 J 1/16W 0402 | 3 | - - - - | | R63 | RR14 | |
| 18 | 0710114111W | CHIP RES | 100 J 1/16W 0402 | 2 | - - - - | | R77 | | |
| 19 | 0710214111W | CHIP RES | 1K J 1/16W 0402 | 7 | - - - - | | R17 | R41 | R59 R61 R67 R9 |
| | | | | | | | | | RR10 |
| 20 | 0710314111W | CHIP RES | 10K J 1/16W 0402 | 7 | - - - - | | R11 | R20 | R35 R43 R82 RR16 |
| | | | | | | | | | RR5 |
| 21 | 0710414111W | CHIP RES | 100K J 1/16W 0402 | 18 | - - - - | | R13 | R15 | R21 R22 R39 R4 |
| | | | | | | | | | R6 R85 R86 R87 R88 R89 |
| | | | | | | | | | R92 R94 RR13 RR4 RR8 RR9 |
| 22 | 0710514111W | S RES | 1M J 1/16W 0402 | 1 | - - - - | | | | RR15 |
| 23 | 0715214111W | CHIP RES | 1.5K J 1/16W 0402 | 1 | - - - - | | | | R65 |
| 24 | 0720114111W | CHIP RES | 200 J 1/16W 0402 | 2 | - - - - | | R75 | R76 | |
| 25 | 0720314111W | CHIP RES | 20K J 1/16W 0402 | 3 | - - - - | | R45 | R46 | R57 |
| 26 | 0722214111W | CHIP RES | 2.2K J 1/16W 0402 | 1 | - - - - | | | | R51 |
| 27 | 0722414111W | CHIP RES | 220K J 1/16W 0402 | 5 | - - - - | | R3 | R49 | R83 R84 R93 |
| 28 | 0733014111W | CHIP RES | 33 J 1/16W 0402 | 1 | - - - - | | | | R42 |
| 29 | 0733114111W | CHIP RES | 330 J 1/16W 0402 | 7 | - - - - | | R29 | R31 | R32 R33 R38 R58 |
| | | | | | | | | | R60 |
| 30 | 0733214111W | CHIP RES | 3.3K J 1/16W 0402 | 1 | - - - - | | | | R48 |
| 31 | 0739014111W | S RES | 39 J 1/16W 0402 | 2 | - - - - | | | R56 | R55 |
| 32 | 0739214111W | CHIP RES | 3.9K J 1/16W 0402 | 1 | - - - - | | | | R37 |
| 33 | 0739314111W | CHIP RES | 39K J 1/16W 0402 | 1 | - - - - | | | | R54 |
| 34 | 0747014111W | CHIP RES | 47 J 1/16W 0402 | 2 | - - - - | | R79 | R90 | |
| 35 | 0747114111W | S RES | 470 J 1/16W 0402 | 1 | - - - - | | | | RR11 |

13.1.11 Material List by Parts-no

Page: 2
 Date: 06/20/03
 Time: 11:10:46

R/N:ydr6068j - GD2

| C NO. | PART NO. | DESCRIPTION | SPECIFICATION | QUANTITY | REQUIRED | DWG.NO. | 631030 | REV. | OB | | |
|-------|-------------|-------------|--------------------------------|----------|----------|---------|--------|------|------|------|------|
| | | | | 00 | | | | | | | |
| | | | | 01W | REMARKS | | | | | | |
| 36 | 0747214111W | S RES | 4.7K J 1/16W 0402 | 3 | - - - - | R53 | R80 | R81 | | | |
| 37 | 0747314111W | CHIP RES | 47K J 1/16W 0402 | 1 | - - - - | R44 | | | | | |
| 38 | 074R714111W | CHIP RES | 4.7 J 1/16W 0402 | 1 | - - - - | R66 | | | | | |
| 39 | 0751214111W | S RES | 5.1K J 1/16W 0402 | 1 | - - - - | R91 | | | | | |
| 40 | 07R0014111W | CHIP RES | 0 J 1/16W 0402 | 10 | - - - - | R16 | R2 | R23 | R36 | R73 | R95 |
| | | | | | | R97 | RR17 | RR2 | RR22 | | |
| 41 | 0810031311W | CHIP RES | 100K F 1/16W 0402 | 1 | - - - - | R14 | | | | | |
| 42 | 0830121311W | RES CF | 30.1K F 1/16W 0402 | 1 | - - - - | R19 | | | | | |
| 43 | 0856R01311W | RES CF | 56 F 1/16W 0402 | 1 | - - - - | RR1 | | | | | |
| 44 | 0897611311W | RES CF | 9.76K F 1/16W 0402 | 1 | - - - - | R18 | | | | | |
| 45 | 08R1501131W | RES CF | 0.15 F 1/4W 0805 | 1 | - - - - | R1 | | | | | |
| 46 | 1020110821W | RES ROW | 200 J 8P4R 0408 | 4 | - - - - | R68 | R69 | R70 | R71 | | |
| 47 | 1100221031W | BEAD | EXC24CB221U 2012 PANASONIC | 1 | - - - - | BL2 | | | | | |
| 48 | 1100221041W | BEAD | EXC24CP221U 0405 PANASONIC | 1 | - - - - | BL1 | | | | | |
| 49 | 111012N111W | CHIP IND | 100nH J 0402 | 5 | - - - - | L1 | L3 | L6 | L7 | L8 | |
| 50 | 111012N121W | CHIP IND | 100nH J 0603 | 1 | - - - - | L2 | | | | | |
| 51 | 112200U561W | POWER IND | LPO4812-223KXC 22uH 590mA COIL | 1 | - - - - | FL1 | | | | | |
| 52 | 116802N121W | CHIP IND | 68nH J 0603 TOKO | 2 | - - - - | L4 | L5 | | | | |
| 53 | 1310026111W | CHIP C/C | 10pF D 50V NPO 0402 | 1 | - - - - | C708 | | | | | |
| 54 | 1310146111W | CHIP C/C | 100pF J 50V NPO 0402 | 7 | - - - - | C17 | C24 | C67 | C722 | C723 | C724 |
| | | | | | | C727 | | | | | |
| 55 | 1310353311W | CHIP C/C | 10nF K 16V X7R 0402 | 3 | - - - - | C39 | C55 | C700 | | | |
| 56 | 1310453321W | S CER CAP | 100nF K 16V X7R 0603 | 1 | - - - - | C11 | | | | | |
| 57 | 1310473411W | CHIP C/C | 100nF Z 16V Y5V 0402 | 41 | - - - - | C13 | C20 | C30 | C31 | C32 | C33 |
| | | | | | | C34 | C35 | C38 | C41 | C42 | C45 |
| | | | | | | C47 | C53 | C54 | C62 | C65 | C66 |
| | | | | | | C69 | C701 | C702 | C703 | C704 | C705 |
| | | | | | | C709 | C710 | C711 | C712 | C713 | C714 |
| | | | | | | C715 | C716 | C717 | C718 | C725 | C726 |
| | | | | | | C99 | CC5 | CC6 | CC7 | CC9 | |
| 58 | 1310562821W | CER CAP | 1uF M 10V Y5U 0603 MITSUBISHI | 12 | - - - - | C12 | C21 | C29 | C36 | C37 | C4 |
| | | | | | | C40 | C51 | C58 | C96 | C98 | CC2 |
| 59 | 1310662831W | CER CAP | 10uF M 10V Y5U 0805 MITSUBISHI | 11 | - - - - | C23 | C26 | C28 | C43 | C49 | C5 |
| | | | | | | C56 | C57 | C6 | C68 | C7 | |
| 60 | 1312046111W | CHIP C/C | 12pF J 50V NPO 0402 | 1 | - - - - | C14 | | | | | |
| 61 | 1315146111W | CHIP C/C | 150pF J 50V NPO 0402 | 1 | - - - - | C70 | | | | | |
| 62 | 1322046111W | CHIP C/C | 22pF J 50V NPO 0402 | 31 | - - - - | C46 | C60 | C61 | C63 | C64 | C706 |
| | | | | | | C707 | C71 | C72 | C720 | C721 | C729 |
| | | | | | | C74 | C76 | C77 | C78 | C79 | C80 |
| | | | | | | C81 | C82 | C83 | C84 | C85 | C87 |
| | | | | | | C88 | C89 | C90 | C91 | C92 | C93 |
| | | | | | | C94 | | | | | |
| 63 | 1322353311W | CER CAP | 22nF K 16V X7R 0402 TAIYO | 1 | - - - - | C10 | | | | | |
| 64 | 1322452321W | S CER CAP | 220nF K 10V X7R 0603 | 2 | - - - - | C52 | CC1 | | | | |
| 65 | 1322551221W | CER CAP | 2.2uF K 6.3V X5R 0603 TAIYO | 1 | - - - - | C97 | | | | | |
| 66 | 1333046111W | CHIP C/C | 33pF J 50V NPO 0402 | 9 | - - - - | C15 | C16 | C18 | C19 | C22 | C25 |
| | | | | | | C50 | C59 | C730 | | | |

13.1.11 Material List by Parts-no

Page: 3
 Date: 06/20/03
 Time: 11:10:46

R/N:ydr6068j - GD2

| C NO. | PART NO. | DESCRIPTION | SPECIFICATION | QUANTITY REQUIRED | | | | DWG. NO. 631030 | | | | REV. 0B |
|-------|-------------|-------------|--------------------------------|-------------------|-----|---|---|-----------------|------|--------------------------|----|---------|
| | | | | 00 | 01W | | | | | REMARKS | | |
| 67 | 1333373411W | CHIP C/C | 33nF Z 16V Y5V 0402 | 2 | - | - | - | - | C73 | CC8 | | |
| 68 | 1347046111W | CHIP C/C | 47pF J 50V NPO 0402 | 1 | - | - | - | - | C48 | | | |
| 69 | 1347156311W | CHIP C/C | 470pF K 50V X7R 0402 | 2 | - | - | - | - | C27 | C44 | | |
| 70 | 1347562831W | CER CAP | 4.7uF M 10V Y5U 0805 MITSUBISH | 3 | - | - | - | - | C1 | C2 | C3 | |
| 71 | 1623276333W | CRYSTAL | MC146 32.768KHz 12.5pF 20PPM | 1 | - | - | - | - | U14 | | | |
| 72 | 1700400013W | DIODE | 1SS400 SC-79 | 2 | - | - | - | - | D4 | D7 | | |
| 73 | 1700520023W | S/DIODE | RB520S-30 SC79 | 1 | - | - | - | - | D1 | | | |
| 74 | 1720016001W | SCHK D10 | RB160M-30 PMDU ROHM | 1 | - | - | - | - | D2 | | | |
| 75 | 1720046101W | SCHK D10 | RB461F SOT323 | 1 | - | - | - | - | D3 | | | |
| 76 | 1720055101W | SCHK D10 | RB551V-30 UMD2 ROHM | 1 | - | - | - | - | D6 | | | |
| 77 | 1805585012W | XTOR | 2SC5585 EMT3 | 1 | - | - | - | - | BQ3 | | | |
| 78 | 1810012402W | DIS. TR. | DTC124EE EMT3 ROHM | 1 | - | - | - | - | BQ2 | | | |
| 79 | 1810014402W | XTOR | PDTA144EE SC-75 | 1 | - | - | - | - | BQ4 | | | |
| 80 | 1810559201W | DIS. TR. | 2SC5592 SC-59 PANASONIC | 1 | - | - | - | - | BQ1 | | | |
| 81 | 1820032601W | MOSFET | FDG326P SC70-6 FAIRCHILD P-CH | 1 | - | - | - | - | U4 | | | |
| 82 | 1820330001W | MOSFET | FDM3300NZ 1212-8 FAIRCHILD | 1 | - | - | - | - | U17 | | | |
| 83 | 1820650601W | MOSFET | FDC6506P SUPERSOT-6 FAIRCHILD | 1 | - | - | - | - | U2 | | | |
| 84 | 1910104121W | FILTER | SGM20F1E104-2A 2012 | 1 | - | - | - | - | F1 | | | |
| 85 | 2011001532W | VARISTOR | V-PORT-0402-220M-V05 1A 5V | 2 | - | - | - | - | VR10 | VR9 | | |
| 86 | 2012002131W | VARISTOR | AVL14K02200 0402 14V 20A | 1 | - | - | - | - | VR1 | | | |
| 87 | 2012002331W | VARISTOR | MLVS-0402-M04 20A 5.5V 0402 | 13 | - | - | - | - | VR11 | VR12 VR13 VR14 VR15 VR16 | | |
| | | | | | | | | | VR2 | VR3 VR4 VR5 VR6 VR7 | | |
| | | | | | | | | | VR8 | | | |
| 88 | 2080061002W | ESD A | ESDA6V15W6 SOT323-6L | 2 | - | - | - | - | EP1 | EP2 | | |
| 89 | 2090005001W | EMIF ESD | EMIF01-10005W5 SOT323-5L | 2 | - | - | - | - | EF1 | EF2 | | |
| 90 | 20B5000041W | CURR-FUSE | 0434.500NR 0.5A 0603 LITTEL | 1 | - | - | - | - | PT1 | | | |
| 91 | 21T66A10A1W | PCB | T66A GA-037 REV:0A MB | 1 | - | - | - | - | ZZZ | | | |
| 92 | 2303250001W | BATT CONN | 250007MA004G403ZR 4P P2.5SUYIN | 1 | - | - | - | - | J3 | | | |
| 93 | 2304037651W | SIM CONN | CCM03-3765-6PIN ITT | 1 | - | - | - | - | CON1 | | | |
| 94 | 2305025131W | I/O CONN | HO-2513E9-A1 14P-DC P=0.5 L&K | 1 | - | - | - | - | J1 | | | |
| 95 | 2306019201W | FPC CONN | FH19-20S-0.5SH HRS | 1 | - | - | - | - | J6 | | | |
| 96 | 2306019301W | FPC CONN | FH19-30S-0.5SH HRS | 1 | - | - | - | - | J5 | | | |
| 97 | 2307000331W | TACT SW | LS10N2 4.5*2.8 150gf CITIZEN | 1 | - | - | - | - | S22 | | | |
| 98 | 2308100101W | BTB CONN | 1001-018-02 18PIN E&T | 1 | - | - | - | - | J2 | | | |
| 99 | 2311032211W | AUDIOJACK | JAM3221-F06-TR 3-POLE D=2.6 | 1 | - | - | - | - | J4 | | | |
| 100 | 2316000011W | BAT HOLD | BAT SINGATRON 2BA-0003-001 | 1 | - | - | - | - | BT1 | | | |
| 101 | 2332546291W | SPK CONN | PS-54629 2PIN PITCH=3.7 MOLEX | 1 | - | - | - | - | LS1 | | | |
| 102 | 3052T66003W | SHIELD-C | T66-C7521-35.8*20.9*2.0-SMT | 1 | - | - | - | - | ZZZ | | | |
| 103 | 3052T66004W | SHIELD-C | T66-C7521-36.4*24.9*1.5-SMT | 1 | - | - | - | - | ZZZ | | | |
| 104 | X6R0300001W | SMT M/B | T66A GA-037 (FOR RF) | 1 | - | - | - | - | ZZZ | | | |

13.1.11 Material List by Parts-no

Page: 4
 Date: 06/20/03
 Time: 11:10:46

R/N:ydr6068j - GD2

| C NO. | PART NO. | DESCRIPTION | SPECIFICATION | QUANTITY | REQUIRED | DWG.NO. | 631030 | REV. | OB |
|-------|---------------|-------------|----------------|----------|----------|---------|--------|---------|-----------|
| | | | | 80 | | | | | |
| | | | | 11W | | | | REMARKS | |
| | # 0228128011W | IC FLASH | GE28F128L30T90 | 90ns | VFPGA | INT | | | |
| | 1 0228128111W | IC FLASH | GE28F128L30T85 | 85ns | VFPGA | INT | 1 | - | - - - sss |

13.1.11 Material List by Parts-no

Page: 5
 Date: 06/20/03
 Time: 11:10:46

R/N:ydr6068j - GD2

| C NO. | PART NO. | DESCRIPTION | SPECIFICATION | QUANTITY | REQUIRED | DWG. NO. | 631030 | REV. | OB |
|-------|---------------|-------------|-------------------------------|----------------|----------|----------|--------|------|---|
| | | | | 00 | | | | | |
| | | | | 01W | | | | | REMARKS |
| | # X6R0300001W | SMT M/B | T66A GA-037 (FOR RF) | | | | | | |
| 1 | 0300114061W | IC XTOR | DTA114E BJT SC-75A | 1 | - - - - | | | | U102 |
| 2 | 037SH04055W | IC LOGIC | TC7SHU04FU COMS SC70-5 | 1 | - - - - | | | | U503 |
| 3 | 0410413301W | IC TRANS | SI4133T SILICON 28MLP | 1 | - - - - | | | | U301 |
| 4 | 0410420001W | IC TRANS | SI4200 SILICON 32MLP | 1 | - - - - | | | | U201 |
| 5 | 0410420101W | IC TRANS | SI4201 SILICON 20MLP | 1 | - - - - | | | | U203 |
| 6 | 0420314001W | IC P.A. | RF3140 RFMD | 1 | - - - - | | | | U401 |
| 7 | 042052804AW | IC VR | U5205-2.8V SOT-23-5 | 1 | - - - - | | | | U105 |
| 8 | 0440080501W | IC LDO | TAR8D05K TOSHIBA SSOP8 | 1 | - - - - | | | | U104 |
| 9 | 0470290202W | IC TR. | RN2902FE TOSHIBA | 1 | - - - - | | | | U103 |
| 10 | 04B5409601W | IC T/R-SW | LMSP54AA-096 MURATA | 1 | - - - - | | | | U101 |
| 11 | 0710014111W | CHIP RES | 10 J 1/16W 0402 | 2 | - - - - | | | | R301 R302 |
| 12 | 0710114111W | CHIP RES | 100 J 1/16W 0402 | 1 | - - - - | | | | R306 |
| 13 | 0710214111W | CHIP RES | 1K J 1/16W 0402 | 1 | - - - - | | | | R401 |
| 14 | 0710314111W | CHIP RES | 10K J 1/16W 0402 | 2 | - - - - | | | | R209 R210 |
| 15 | 0710514111W | S RES | 1M J 1/16W 0402 | 1 | - - - - | | | | R304 |
| 16 | 0733214111W | CHIP RES | 3.3K J 1/16W 0402 | 4 | - - - - | | | | R102 R103 R104 R303 |
| 17 | 0768214111W | CHIP RES | 6.8K J 1/16W 0402 | 4 | - - - - | | | | R205 R206 R207 R208 |
| 18 | 07R0014111W | CHIP RES | 0 J 1/16W 0402 | 2 | - - - - | | | | L404 L405 |
| * | 19 | 07R0014121W | RES CF | 0 J 1/16W 0603 | 1 | - - - - | | | L101 |
| 20 | 1000310421W | ATTEN | PAT1010-3dB 50ohm 0404 CYNTEC | 1 | - - - - | | | | R403 |
| 21 | 1000510422W | ATTEN | PAT1010-5dB 50ohm 0404 CYNTEC | 1 | - - - - | | | | R402 |
| 22 | 111012N111W | CHIP IND | 100nH J 0402 | 1 | - - - - | | | | L401 |
| 23 | 111R01N111W | CHIP IND | 1nH S 0402 | 1 | - - - - | | | | L302 |
| 24 | 111R51N121W | CHIP IND | 1.5nH S 0603 | 1 | - - - - | | | | L402 |
| 25 | 112202N111W | CHIP IND | 22nH J 0402 | 1 | - - - - | | | | L202 |
| * | 26 | 113R31N121W | CHIP IND | 3.3nH S 0603 | 1 | - - - - | | | L403 |
| 27 | 113R91N111W | CHIP IND | 3.9nH S 0402 | 1 | - - - - | | | | L301 |
| 28 | 115R61N111W | CHIP IND | 5.6nH S 0402 | 1 | - - - - | | | | L204 |
| 29 | 118R22N111W | CHIP IND | 8.2nH J 0402 | 1 | - - - - | | | | L201 |
| 30 | 130R516111W | CHIP C/C | 0.5pF C 50V NPO 0402 | 1 | - - - - | | | | C404 |
| 31 | 1310026111W | CHIP C/C | 10pF D 50V NPO 0402 | 1 | - - - - | | | | C407 |
| 32 | 1310146111W | CHIP C/C | 100pF J 50V NPO 0402 | 6 | - - - - | | | | C215 C216 C221 C303 C307 C308 |
| 33 | 1310256311W | CHIP C/C | 1nF K 50V X7R 0402 | 1 | - - - - | | | | C309 |
| 34 | 1310353311W | CHIP C/C | 10nF K 16V X7R 0402 | 3 | - - - - | | | | C110 C301 C302 |
| 35 | 1310473411W | CHIP C/C | 100nF Z 16V Y5V 0402 | 6 | - - - - | | | | C108 C109 C111 C304 C305 C306 |
| 36 | 1310551321W | CHIP C/C | 1uF K 6.3V X7R 0603 | 1 | - - - - | | | | C408 |
| 37 | 131R516111W | CHIP C/C | 1.5pF C 50V NPO 0402 | 4 | - - - - | | | | C202 C203 C205 C206 |
| 38 | 1322046111W | CHIP C/C | 22pF J 50V NPO 0402 | 11 | - - - - | | | | C102 C104 C105 C201 C212 C213 C214 C220 C406 C410 C411 |
| 39 | 1322353311W | CER CAP | 22nF K 16V X7R 0402 TAIYO | 2 | - - - - | | | | C218 C219 |

13.1.11 Material List by Parts-no

Page: 6
 Date: 06/20/03
 Time: 11:10:46

R/N:ydr6068j - GD2

| C NO. | PART NO. | DESCRIPTION | SPECIFICATION | QUANTITY | REQUIRED | DWG.NO. 631030 | REV. 0B |
|-------|-------------|-------------|------------------------------|----------|----------|----------------|---------|
| | | | | 00 | | | |
| | | | | 01W | | | REMARKS |
| 40 | 132R016111W | CHIP C/C | 2pF C 50V NPO 0402 | 1 | - - - - | C405 | |
| 41 | 1333046111W | CHIP C/C | 33pF J 50V NPO 0402 | 1 | - - - - | C204 | |
| 42 | 1347471411W | CER CAP | 470nF Z 6.3V Y5V 0402 | 2 | - - - - | C112 C113 | |
| 43 | 1368156311W | CHIP C/C | 680pF K 50V X7R 0402 | 1 | - - - - | C401 | |
| 44 | 1410621361W | CHIP T/C | 10uF M 6.3V P-CASE | 3 | - - - - | C114 C115 C116 | |
| 45 | 1410721223W | TAN CAP | 100uF M 6.3V B2 POSCAP SANYO | 1 | - - - - | C409 | |
| 46 | 1610018001W | TCXO | KT18B 13.00MHz KYOCERA | 1 | - - - - | U302 | |
| 47 | 2020881001W | FILTER | 881MHz 2.5*2mm MURATA | 1 | - - - - | F101 | |
| 48 | 2021960004W | FILTER | 1960MHz 2.5*2mm MURATA | 1 | - - - - | F102 | |
| 49 | 2302000301W | RF SWITCH | MS-147 4PIN | 1 | - - - - | JP1 | |

End of Report

13.1.11 Material List by Parts-no

Page: 6
 Date: 06/23/03
 Time: 12:03:57

R/N:ydr6068j - GD2

| C NO. | PART NO. | DESCRIPTION | SPECIFICATION | QUANTITY | REQUIRED | DWG. NO. | 632019 | REV. | 1B |
|-------|---------------|-------------|-----------------------------|----------|----------|----------|--------|---------|----|
| | | | | 00 | | | | | |
| | | | | 01W | | | | REMARKS | |
| | # 6320190001W | SMT MMI | T66 GS-020 | 1B | | | | | |
| 1 | 0710314111W | CHIP RES | 10K J 1/16W 0402 | 1 | - - - - | | | R1 | |
| 2 | 1039010411W | RES ROW | 39 J 4P2R 0404 | 3 | - - - - | R4 | | R5 | |
| 3 | 1333373411W | CHIP C/C | 33nF Z 16V Y5V 0402 | 1 | - - - - | | | C3 | |
| 4 | 1347373411W | CHIP C/C | 47nF Z 16V Y5V 0402 | 6 | - - - - | C4 | C5 | C7 | C8 |
| 5 | 1770019102W | LED | HT-191NB5-DT PQ/CD HARVATEK | 6 | - - - - | D2 | D3 | D6 | D7 |
| 6 | 1860023001W | PHOTO-TR. | CPT-230S-X-TU CITIZEN | 1 | - - - - | | | Q1 | |
| 7 | 2012002331W | VARIATOR | MLVS-0402-M04 20A 5.5V 0402 | 1 | - - - - | | | VR1 | |
| 8 | 21T66021A1W | PCB | T66 GS-020 REV:1A MMI KP | 1 | - - - - | | | ZZZ | |
| 9 | 2308100001W | BTB CONN | 1000-018-02 18PIN E&T | 1 | - - - - | | | J1 | |

End of Report