

**Giant Electronics Ltd.**

| Level  | Item           | Description                            | Qty  | U/M | Schema     |
|--------|----------------|--|------|-----|------------|
| Parent | R1050ARCUSSV00 | FRS RADIO AMERICA (RCA) SILVER         |      | EA  |            |
| 1      | R1050BAXRCSVXX | BASE ASSY AMERICA (RCA) SILVER         | 1    | EA  |            |
| 0.2    | R1050BCXUSSVXX | BASE CASING AMERICA (RCA) SILVER       | 1    | EA  |            |
| ..3    | R1050BCXXX     | BASE CASING COMMON                     | 1    | EA  |            |
| ...4   | KEM-M11865     | CHARGER CONTACT FOR XTL446             | 2    | EA  |            |
| ...4   | KEM-M12755-01  | BATTERY CONTACT COMPOSITE              | 2    | EA  |            |
| ...4   | KEM-M17601     | POSITIVE NEGATIVE PLATE                | 1    | EA  |            |
| ...4   | KEM-M17602     | POSITIVE PLATE                         | 1    | EA  |            |
| ...4   | KEM-M17603     | NEGATIVE PLATE                         | 1    | EA  |            |
| ...4   | KEM-M17604     | ANTENNA WIRE                           | 1    | EA  |            |
| ...4   | KEM-M17605     | LCD BRACKET                            | 1    | EA  |            |
| ...4   | KEM-OT17603    | METAL DOME                             | 1    | EA  |            |
| ...4   | KEM-OT17604    | MIC CUSHION                            | 1    | EA  |            |
| ...4   | KEM-OT17607    | LENS PROTECT FILM                      | 1    | EA  |            |
| ...4   | KEM-OT17609    | PTT METAL DOME                         | 1    | EA  |            |
| ...4   | KEM-P17608     | ANTENNA INSERT                         | 1    | EA  |            |
| ...4   | KEM-TS2307X4B  | SCREW M2.3X7MM                         | 4    | EA  |            |
| ..3    | R1050BC4SV     | BASE CASING AMERICA SILVER             | 1    | EA  |            |
| ...4   | KEM-M17607     | METAL MESH                             | 1    | EA  |            |
| ...4   | KEM-OT17601    | KEY PAD                                | 1    | EA  |            |
| ...4   | KEM-OT17602    | PTT BUTTON                             | 1    | EA  |            |
| ...4   | KEM-OT17612    | SPEKER NET                             | 1    | EA  |            |
| ...4   | KEM-P17601     | FRONT HOUSING                          | 1    | EA  |            |
| ...4   | KEM-P17602     | REAR HOUSING                           | 1    | EA  |            |
| ...4   | KEM-P17603-01  | FACE PLATE                             | 1    | EA  |            |
| ...4   | KEM-P17604-01  | LCD LENS FOR R1050                     | 1    | EA  |            |
| ....5  | KEM-P17604     | LCD LENS W/O PRINTING                  | 1    | EA  |            |
| ....5  | KEM-P17604-01Z | PRINTING FOR LCD LENS                  | 1    | EA  |            |
| ...4   | KEM-P17605     | LED LENS                               | 1    | EA  |            |
| ...4   | KEM-P17607     | ANTENNA CAP                            | 1    | EA  |            |
| ...4   | KEM-P17609     | BATTERY DOOR                           | 1    | EA  |            |
| ...4   | KEM-P17610     | DUST CAP                               | 1    | EA  |            |
| 0.2    | R1050B1        | BASE RF & MAIN PCB (ALL)               | 1    | EA  |            |
| ..3    | R10CCBCXXXC    | BASE CASING COMMON PARTS               | 1    | EA  |            |
| ...4   | KEC-E107CRMKA  | CAP. ELECT. 6.3V M% 100UF              | 1    | EA  | C110       |
| ...4   | KEJW-SA28BK    | STRAND WIRE UL1007 #28 BLACK           | 0.04 | M   | SP-        |
| ...4   | KEJW-SA28RD    | STRAND WIRE UL1007 #28 RED             | 0.04 | M   | SP+        |
| ...4   | KESP-122-3-1   | SPEAKER 32 OHM 0.5W 36A575-32B(1)-5D18 | 1    | EA  | SPK101     |
| ...4   | KESP-172       | MIC DB C9745 DD422LF-Q050 42dB         | 1    | EA  | MIC101     |
| ...4   | KESP-172-B     | MIC KISS-JIA ECM KSJ9745P              | 0    | EA  | MIC101     |
| ...4   | KEX-C074-1     | CERAMIC RESONATOR 4MHZ +/-0.2%         | 1    | EA  | X101       |
| ..3    | R10CCB1XXXC    | BASE RF & MAIN COMMON PART             | 1    | EA  |            |
| ...4   | KEC-E107CRMKA  | CAP. ELECT. 6.3V M% 100UF              | 2    | EA  | C157, C158 |
| ...4   | KEC-E227DRMKA  | CAP. ELECT. 10V M% 220UF               | 2    | EA  | C108, C111 |
| ...4   | KECF-0150-1    | CERAMIC FILTER CFTM450HT HUATAO        | 1    | EA  | BPF503     |
| ...4   | KECF-0163-A2   | CRYSTAL FILTER FT21M07A 21.4M FRONTER  | 1    | EA  | BPF502     |
| ...4   | KED-LC101      | LCD 24X21.5X2.0mm SHANTOU              | 1    | EA  | LCD101     |
| ...4   | KEJ-225        | JACK DC-290-002-00 SUN RISE            | 1    | EA  | J1         |
| ...4   | KEJ-465-A      | JACK EARPHONE/MIC ST-155 KWAN TAT      | 1    | EA  | J101       |

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|--------|-----------------|---|------|-----|---|
| ...4   | KEJW-FC182      | HEAT SEAL H=12MM P=1.4MM L=18MM 12PINS    | 1    | EA  | FOR PCB-LCD   |
| ...4   | KEOE-OT482      | JTB 450KHZ CERAMIC DISCRIMINATOR          | 1    | EA  | L517  |
| ...4   | KEOE-OT492      | RED BACK-LIGHT BOARD                      | 1    | EA  |   |
| ...4   | R10CCB1SC       | BASE RF & MAIN PCB SMT COMMON PARTS       | 1    | EA  |   |
| ....5  | KEPC-942        | PCB RF 100.6X45.7X1.2mm FR4 4LAYER        | 1    | EA  |   |
| ....5  | R10CCB1SBC      | BASE RF & MAIN PCB SMT BOTTOM COMMON PART | 1    | EA  |   |
| .....6 | KCC-101FJCOGEYG | CAP CER CHIP 50V COG J 100PF              | 7    | EA  | C114, C115, C109, C149, C600, C3, C575                    |
| .....6 | KCC-101FJNPOMUG | CAP. CER. CHIP 50V CH J% 100PF MURATA     | 0    | EA  | C114, C115, C109, C149, C600, C3, C575                    |
| .....6 | KCC-102ERKEYG   | CAP CR 1N 10% 25V X7R 0402                | 1    | EA  | C102  |
| .....6 | KCC-102FKBGNG   | CAP CER CHIP 50V X7R +/-10% 0.001u EYANG  | 1    | EA  | C117  |
| .....6 | KCC-102FKBMUG   | CAP. CER. CHIP 50V B K% 0.001UF MURATA    | 0    | EA  | C117  |
| .....6 | KCC-103BKBEYG   | CAP CER 0.01U 10% 10V X7R 0402            | 7    | EA  | C10, C557, C511, C121, C1, C163, C107                     |
| .....6 | KCC-103BKBMUG   | CAP. CER. CHIP 10V X7R K 0.01UF           | 0    | EA  | C10, C557, C511, C121, C1, C163                           |
| .....6 | KCC-104DZFEYG   | CAP CER CHIP 16V Y5V Z 0.1uF EYANG        | 5    | EA  | C189, C573, C165, C141, C118                              |
| .....6 | KCC-104DZFMUG   | CAP. CER. CHIP 16V F Z% 0.1UF MURATA      | 5    | EA  | C189, C573, C165, C141, C118                              |
| .....6 | KCC-105BKBEYG   | CAP CER 10V X7R K 1UF 0402                | 2    | EA  | C193, C191  |
| .....6 | KCC-105CZY5VMUG | CAP CER CHIP 6.3V Y5V 1uF Z 0402 MURATA   | 0    | EA  | C193, C191  |
| .....6 | KCC-105CZY5VMUG | CAP CER CHIP 6.3V Y5V 1uF Z 0402 MURATA   | 1    | EA  | C116  |
| .....6 | KCC-105DKX7REYB | CAP CER CHIP 16V X7R K 1UF                | 2    | EA  | C113, C120  |
| .....6 | KCC-105BRZFB    | CAP. CER. CHIP 10V Y5V Z% 1UF             | 0    | EA  | C113, C120  |
| .....6 | KCC-106BRZFM-1  | CAP. CER. CHIP 10V F Z% 10UF              | 2    | EA  | C704, C148  |
| .....6 | KCC-109FBCOGEYG | CAP CER CHIP 50V COG B 1PF                | 0.7  | EA  | C586 FOR MATCH B1/B4 CRYSTAL                              |
| .....6 | KCC-109FCNPOMUG | CAP. CER. CHIP 50V CH C% 1PF MURATA       | 0    | EA  | C586 FOR MATCH B1/B4 CRYSTAL                              |
| .....6 | KCC-120FJNPOMUG | CAP. CER. CHIP 50V CH J% 12PF MURATA      | 0.35 | EA  | C588 FOR MATCH B1 CRYSTAL                                 |
| .....6 | KCC-150FJCOGEYG | CAP CER CHIP 50V COG J 15PF               | 0.35 | EA  | C588 FOR MATCH C3 OR-3 CRYSTAL                            |
| .....6 | KCC-150FJNPOGNG | CAP. CER. CHIP 50V 5% NPO 15P 0402        | 0    | EA  | C588 FOR MATCH C3 OR -3 CRYSTAL                           |
| .....6 | KCC-150FJNPOGNG | CAP. CER. CHIP 50V 5% NPO 15P 0402        | 0.3  | EA  | C586 FOR MATCH C3 OR -3 CRYSTAL                           |
| .....6 | KCC-180FJCOGEYG | CAP CER CHIP 50V COG J 18PF               | 1    | EA  | C587 FOR MATCH B3/B4 CRYSTAL<br>C588 FOR MATCH B4 CRYSTAL |
| .....6 | KCC-222FKBEYG   | CAP CER 50V B K 2200PF 0402               | 1    | EA  | C171  |
| .....6 | KCC-222FKBMUG   | CAP. CER. CHIP 50V B K% 0.0022UF MURATA   | 0    | EA  | C171  |
| .....6 | KCC-222FRKBE    | CAP. CER. CHIP 50V B K% 0.0022UF          | 1    | EA  | C105  |
| .....6 | KCC-240FJCOGEYG | CAP CER CHIP 50V COG +/-5% 24PF EYANG     | 0.35 | EA  | C587 FOR MATCH B1 CRYSTAL                                 |
| .....6 | KCC-390FJCOGEYG | CAP CER CHIP 50V COG J 39PF               | 1    | EA  | C101  |
| .....6 | KCC-390FJNPOMUG | CAP CER CHIP 50V NPO J% 39PF MURATA       | 0    | EA  | C101  |
| .....6 | KCC-562EKBMUG   | CAP. CER. CHIP 25V B K% 0.0056UF MURATA   | 1    | EA  | C181  |
| .....6 | KCC-620FJNPOMUG | CAP. CER. CHIP 50V CH J% 62PF MURATA      | 1    | EA  | C577  |
| .....6 | KCC-681FKBMUG   | CAP CER CHIP 50V X7R K 680PF MURATA       | 1    | EA  | C164  |
| .....6 | KCD-DA204U      | DIODE ARRAY CHIP DA204U                   | 1    | EA  | D105  |
| .....6 | KCD-KPT2012EC   | LED CHIP KPT-2012EC RED                   | 1    | EA  | D101  |
| .....6 | KCL-101MU-1     | INDUCTOR CHIP 100NH +/-5% LQG11AR10J00T   | 1    | EA  | L702  |
| .....6 | KCR-TR220TD     | THER. NTCCM10053EH220JC TDK 0402 TYPE     | 1    | EA  | TR503   |
| .....6 | KCR-000G        | RES. CHIP 1/16W 0 OHM                     | 2    | EA  | R223, R30   |
| .....6 | KCR-100G        | RES. CHIP 1/16W 10 OHM                    | 2    | EA  | R195, R196  |
| .....6 | KCR-102G        | RES. CHIP 1/16W 1K                        | 3    | EA  | R198, R13, R126   |
| .....6 | KCR-103B        | RES. CHIP 1/16W 10K                       | 1    | EA  | R232  |
| .....6 | KCR-103G        | RES. CHIP 1/16W 10K                       | 1    | EA  | R137  |
| .....6 | KCR-104G        | RES. CHIP 1/16W 100K                      | 9    | EA  | R224, R201, R202, R203, R204, R205, R206, R589, R133      |
| .....6 | KCR-105B        | RES. CHIP 1/16W 1M                        | 1    | EA  | R176  |

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| .....6 | KCR-105G        | RES. CHIP 1/16W 1M                       | 2   | EA  | R134, R136   |
| .....6 | KCR-152G        | RES. CHIP 1/16W 1.5K                     | 1   | EA  | R131   |
| .....6 | KCR-154G        | RES. CHIP 1/16W 5% 150K 0402             | 1   | EA  | R25  |
| .....6 | KCR-155B        | RES. CHIP 1/16W 1.5M                     | 1   | EA  | R212   |
| .....6 | KCR-183B        | RES. CHIP 1/16W 18K                      | 1   | EA  | R178   |
| .....6 | KCR-222G        | RES. CHIP 1/16W 2.2K                     | 2   | EA  | R220, R18  |
| .....6 | KCR-223G        | RES. CHIP 1/16W 22K                      | 1   | EA  | R558   |
| .....6 | KCR-274G        | RES. CHIP 1/16W 270K 0402                | 1   | EA  | R27  |
| .....6 | KCR-300G        | RES. CHIP 1/16W 30 0402                  | 1   | EA  | R19  |
| .....6 | KCR-302G        | RES. CHIP 1/16W 3K                       | 1   | EA  | R194   |
| .....6 | KCR-331G        | RES. CHIP 1/16W 330 OHM 0402             | 1   | EA  | R21  |
| .....6 | KCR-392G        | RES. CHIP 1/16W 3.9K                     | 1   | EA  | R1   |
| .....6 | KCR-470B        | RES. CHIP 1/16W 47R                      | 1   | EA  | R16  |
| .....6 | KCR-472G        | RES. CHIP 1/16W 4.7K 0402                | 3   | EA  | R199, R171, R146   |
| .....6 | KCR-473G        | RES. CHIP 1/16W 47K                      | 3   | EA  | R717, R207, R193   |
| .....6 | KCR-682G        | RES. CHIP 1/16W 6.8K 0402                | 1   | EA  | R200   |
| .....6 | KCR-824G        | RES CHIP 1/16W 5% 820K 0402              | 1   | EA  | R157   |
| .....6 | KCT-2SA1586GR   | TR CHIP PNP 2SA1586GR                    | 3   | EA  | Q1, Q105, Q511   |
| .....6 | KCT-2SC4116GR   | TR CHIP NPN 2SC4116GR                    | 6   | EA  | Q108, Q2, Q3, Q101, Q110, Q702   |
| .....6 | KEIC-CS34119    | IC LOW POWER CS34119                     | 1   | EA  | IC105  |
| .....6 | KEIC-S1131B3UC  | IC 3.0V RFGULATOR WITH SHUTDOWN PIN      | 1   | EA  | IC106  |
| .....6 | KEIC-295        | DIE MCU JT5BZO-6E99                      | 1   | EA  | U2   |
| .....5 | R10CCB1STC      | BASE RF & MAIN PCB SMT TOP COMMON PART   | 1   | EA  |  |
| .....6 | KCC-TRO03-A     | CAP. CHIP TR1 10P ECRJA010A11 PANASONIC  | 1   | EA  | VC501  |
| .....6 | KCC-TRO03       | CAP. CHIP TR1MMER 10PF TZBX4100AA110     | 0   | EA  | VC501  |
| .....6 | KCC-100FBCOGEYB | CAP. CER. CHIP 50V COG B 10PF            | 1   | EA  | C503   |
| .....6 | KCC-100FDCOGEYG | CAP CER CHIP 50V COG D 10PF              | 1   | EA  | C523   |
| .....6 | KCC-101FJCOGEYB | CAP CER CHIP 50V COG +/-5% 100PF EYANG   | 1   | EA  | C581   |
| .....6 | KCC-101FJCOGEYG | CAP CER CHIP 50V COG J 100PF             | 21  | EA  | C123, C106, C152, C155, C166, C178, C505, C546, C547, C552<br>C571, C572, C576, C580, C582, C603, C608, C560, C611, C119<br>C4 |
| .....6 | KCC-101FJNPOMUG | CAP. CER. CHIP 50V CH J% 100PF MURATA    | 0   | EA  | C123, C106, C152, C155, C166, C178, C505, C546, C547, C552<br>C571, C572, C576, C580, C582, C603, C608, C560, C611, C119<br>C4 |
| .....6 | KCC-102ERKEYG   | CAP CR 1N 10% 25V X7R 0402               | 1   | EA  | R127   |
| .....6 | KCC-102FKBGNG   | CAP CER CHIP 50V X7R +/-10% 0.001u EYANG | 4   | EA  | C135, C174, C565, C534   |
| .....6 | KCC-102FKBMUG   | CAP. CER. CHIP 50V B K% 0.001UF MURATA   | 0   | EA  | C135, C174, C565, C534, R127   |
| .....6 | KCC-103BKBEYG   | CAP CER 0.01U 10% 10V X7R 0402           | 11  | EA  | C127, C175, C622, C551, C705, C510, C629, C513, C514, C517<br>C169   |
| .....6 | KCC-103BKBMUG   | CAP. CER. CHIP 10V X7R K 0.01UF          | 0   | EA  | C127, C175, C622, C551, C705, C510, C629, C513, C514, C517<br>C169   |
| .....6 | KCC-104DKBEYG   | CAP CER 16V X7R K 100NF 0402             | 7   | EA  | C129, C156, C562, C563, C568, C574, C186   |
| .....6 | KCC-104BKBMUG   | CAP. CER. CHIP 10V X7R K 0.1UF           | 0   | EA  | C129, C156, C562, C563, C568, C574, C186   |
| .....6 | KCC-104DZFMUG   | CAP. CER. CHIP 16V F Z% 0.1UF MURATA     | 1   | EA  | C558   |
| .....6 | KCC-105BKBEYG   | CAP CER 10V X7R K 1UF 0402               | 2   | EA  | C177, C559   |
| .....6 | KCC-105CZY5VMUG | CAP CER CHIP 6.3V Y5V 1uF Z 0402 MURATA  | 0   | EA  | C177, C559   |
| .....6 | KCC-105CZY5VMUG | CAP CER CHIP 6.3V Y5V 1uF Z 0402 MURATA  | 1   | EA  | C5   |
| .....6 | KCC-105DKX7REYB | CAP CER CHIP 16V X7R K 1UF               | 1   | EA  | C124   |
| .....6 | KCC-105BRZFB    | CAP. CER. CHIP 10V Y5V Z% 1UF            | 0   | EA  | C124   |

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| .....6 | KCC-106BRZFF    | CAP CER CHIP 10V F Z 10UF                 | 1   | EA  | C7                         |
| .....6 | KCC-106BRZFM-1  | CAP. CER. CHIP 10V F Z% 10UF              | 4   | EA  | C545, C200, C561, C509     |
| .....6 | KCC-120FACOGYB  | CAP CER CHIP 50V COG 1% 12PF EYANG        | 1   | EA  | C506                       |
| .....6 | KCC-120FJNPOMUG | CAP. CER. CHIP 50V CH J% 12PF MURATA      | 2   | EA  | C522, C531                 |
| .....6 | KCC-150FRJNPOE  | CAP. CER. CHIP 50V CH J% 15PF             | 1   | EA  | L523                       |
| .....6 | KCC-151FJNPOEYG | CAP CER 50V J CH 150PF 0402               | 1   | EA  | C606                       |
| .....6 | KCC-151FJNPOMUG | CAP. CER. CHIP 50V CH J% 150PF MURATA     | 0   | EA  | C606                       |
| .....6 | KCC-151FRJNPOB  | CAP. CER. CHIP 50V CH J% 150PF            | 1   | EA  | C501                       |
| .....6 | KCC-153DKBMUG   | CAP. CER. CHIP 16V B K 0.015UF MURATA     | 1   | EA  | C170                       |
| .....6 | KCC-159FCNPOMUG | CAP. CER. CHIP 50V CH C% 1.5PF MURATA     | 1   | EA  | C554                       |
| .....6 | KCC-159FRCNPOE  | CAP. CER. CHIP 50V CH C% 1.5PF            | 1   | EA  | C621                       |
| .....6 | KCC-180FJCOGEYG | CAP CER CHIP 50V COG J 18PF               | 1   | EA  | C578                       |
| .....6 | KCC-221FJCOGEYG | CAP CER CHIP 50V COG J 220PF              | 3   | EA  | C521, C512, C516           |
| .....6 | KCC-221FJNPOMUG | CAP. CER. CHIP 50V NPO J% 220pF           | 0   | EA  | C521, C512, C516           |
| .....6 | KCC-222FKBEYG   | CAP CER 50V B K 2200PF 0402               | 2   | EA  | C566, C567                 |
| .....6 | KCC-222FKBMUG   | CAP. CER. CHIP 50V B K% 0.0022UF MURATA   | 0   | EA  | C566, C567                 |
| .....6 | KCC-223BKX7REYG | CAP CER CHIP 10V X7R K 0.022UF            | 1   | EA  | R125                       |
| .....6 | KCC-223DKBMUG   | CAP. CER. CHIP 16V B K% 22NF MURATA       | 0   | EA  | R125                       |
| .....6 | KCC-223DKBEYG   | CAP CER CHIP 16V B K 22NF                 | 5   | EA  | C6, C136, C138, C167, C530 |
| .....6 | KCC-223DKBMUG   | CAP. CER. CHIP 16V B K% 22NF MURATA       | 0   | EA  | C6, C136, C138, C167, C530 |
| .....6 | KCC-223FKBEYB   | CAP CER CHIP 50V XTR +/-10% 0.022u EYANG  | 1   | EA  | C197                       |
| .....6 | KCC-223ERKBE    | CAP. CER. CHIP 25V B K% 0.022UF           | 0   | EA  | C197                       |
| .....6 | KCC-249FRBNPOB  | CAP CER CHIP 50V NPO 2.4PF +-0.1PF        | 1   | EA  | C507                       |
| .....6 | KCC-300FJNPOMUG | CAP. CER. CHIP 50V NPO J% 30pF            | 2   | EA  | C515, C564                 |
| .....6 | KCC-330FJCOGEYG | CAP CER CHIP 50V COG J 33PF               | 1   | EA  | C504                       |
| .....6 | KCC-330FJNPOMUG | CAP. CER. CHIP 50V CH J% 33PF MURATA      | 0   | EA  | C504                       |
| .....6 | KCC-333DRKEYG   | CAP CR 33N 10% 16V X7R 0402               | 3   | EA  | C122, C196, C145           |
| .....6 | KCC-333BKBMUG   | CAP. CER. CHIP 10V X7R K 0.033UF          | 0   | EA  | C122, C196                 |
| .....6 | KCC-334DRZFB    | CAP. CER. CHIP 16V F Z% 0.33UF            | 1   | EA  | C570                       |
| .....6 | KCC-180FJNPOMUG | CAP. CER. CHIP 50V CH J% 18PF MURATA      | 0   | EA  | C578                       |
| .....6 | KCC-339FBCOGYB  | CAP CER CHIP 50V COG B 3.3PF              | 2   | EA  | C532, C525                 |
| .....6 | KCC-390FJCOGEYG | CAP CER CHIP 50V COG J 39PF               | 1   | EA  | C179                       |
| .....6 | KCC-390FJNPOMUG | CAP CER CHIP 50V NPO J% 39PF MURATA       | 0   | EA  | C179                       |
| .....6 | KCC-391FKBMUG   | CAP. CER. CHIP 50V X7R K 390PF 0402       | 1   | EA  | C128                       |
| .....6 | KCC-393BKBMUG   | CAP. CER. CHIP 10V K X7R 0.039UF 0402     | 1   | EA  | C153                       |
| .....6 | KCC-409FCNPOMUG | CAP. CER. CHIP 50V CH C% 4PF MURATA       | 2   | EA  | C524, C527                 |
| .....6 | KCC-409FRCNPOE  | CAP. CER. CHIP 50V CH C% 4PF              | 1   | EA  | C619                       |
| .....6 | KCC-473DKBEYG   | CAP. CER. CHIP 16V X7R K 0.047UF EYANG    | 2   | EA  | C126, C168                 |
| .....6 | KCC-473BKBMUG   | CAP. CER. CHIP 10V X7R K 0.047UF          | 0   | EA  | C126, C168                 |
| .....6 | KCC-474BRZFE    | CAP. CER. CHIP 10V F Z 0.47UF 0603 MURATA | 2   | EA  | C125, C134                 |
| .....6 | KCC-474CKX7REYG | CAP CER CHIP 6.3VX7R K 0.47UF             | 1   | EA  | C528                       |
| .....6 | KCC-479FBCOGGNG | CAP. CHIP 50V B COG 4.7PF 0402            | 2   | EA  | C623, C526                 |
| .....6 | KCC-509FBCOGYB  | CAP CER CHIP 50V COG B 5PF                | 1   | EA  | C550                       |
| .....6 | KCC-509FCNPOMUG | CAP. CER. CHIP 50V CH C% 5PF MURATA       | 0   | EA  | C550                       |
| .....6 | KCC-509FRCNPOE  | CAP. CER. CHIP 50V CH C% 5PF              | 1   | EA  | C620                       |
| .....6 | KCC-560FJNPOMUG | CAP. CER. CHIP 50V NPO J% 56pF            | 1   | EA  | C133                       |
| .....6 | KCC-561EKBEYB   | CAP CER CHIP 25V X7R +/-10% 560PF EYANG   | 1   | EA  | C187                       |
| .....6 | KCC-561FKBMUG   | CAP. CER. CHIP 50V X7R K 560PF            | 2   | EA  | C172, C176                 |
| .....6 | KCC-562EKBMUG   | CAP. CER. CHIP 25V B K% 0.0056UF MURATA   | 1   | EA  | C137                       |

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| Level  | Item            | Description                            | Qty | U/M | Schema   |
|--------|-----------------|--|-----|-----|--|
| .....6 | KCC-563BKBMUG   | CAP. CER. CHIP 10V X7R K 0.056UF       | 1   | EA  | C130   |
| .....6 | KCC-609FCCOGEYG | CAP CER CHIP 50V C 6PF                 | 3   | EA  | C520, C553, C502   |
| .....6 | KCC-609FCNPOMUG | CAP. CER. CHIP 50V CH C% 6PF MURATA    | 0   | EA  | C520, C553, C502   |
| .....6 | KCC-683BKBMUG   | CAP. CER. CHIP 50V X7R K 0.068UF       | 2   | EA  | C147, C529   |
| .....6 | KCC-709FCNPOMUG | CAP. CER. CHIP 50V CH C% 7PF MURATA    | 1   | EA  | C702   |
| .....6 | KCC-709FRDNPOE  | CAP. CER. CHIP 50V CH D% 7PF           | 1   | EA  | C508   |
| .....6 | KCR-103POZ3AN1  | CHIP VOLUME 103POZ3AN1 10KB            | 0   | EA  | VR502  |
| .....6 | KCC-809FCNPOMUG | CAP. CER. CHIP 50V CH C% 8PF MURATA    | 1   | EA  | C518   |
| .....6 | KCC-821FKBMUG   | CAP. CER. CHIP 50V X7R K 820PF         | 2   | EA  | C154, C146   |
| .....6 | KCD-LL4148      | DIODE CHIP LL4148                      | 1   | EA  | D2   |
| .....6 | KCD-1SS314      | DIODE PIN 1SS314                       | 5   | EA  | D502, D506, D508, D509, D510   |
| .....6 | KCD-214         | DIODE VARACTOR 1SV214                  | 1   | EA  | D505   |
| .....6 | KCL-101MU-1     | INDUCTOR CHIP 100NH +-5% LQG11AR10J00T | 2   | EA  | L532, L703   |
| .....6 | KCL-150MU-1     | INDUCTOR CHIP 15NH LQG11A15N           | 1   | EA  | L506   |
| .....6 | KCL-220MU-1     | INDUCTOR CHIP 22NH +-5% LQG18HN22NJ00D | 1   | EA  | L518   |
| .....6 | KCL-220SD-JB    | INDUCTOR CHIP 22NH +-5% SDCL1608C22NJ  | 1   | EA  | L508   |
| .....6 | KCL-222MU       | INDUCTOR CHIP 2.2UH LOG21N2R2K10       | 1   | EA  | L516   |
| .....6 | KCL-270MU-1     | INDUCTOR CHIP 27NH +-5% LQG18HN27NJ00D | 1   | EA  | L701   |
| .....6 | KCL-569MU-1     | LQG18HN5N6S00 5.6NH 5% 0603 49744-09   | 1   | EA  | L1   |
| .....6 | KCL-680MU-13GB  | INDUCTOR CHIP 68NH +-2% LQW18AN68NGOOD | 1   | EA  | L510   |
| .....6 | KCR-TR473MUG    | THERMISTOR CHIP NTH5G10P40B473K08TH    | 1   | EA  | TR502  |
| .....6 | KCR-000B        | RES. CHIP 1/16W 0 OHM                  | 1   | EA  | R10  |
| .....6 | KCR-000G        | RES. CHIP 1/16W 0 OHM                  | 10  | EA  | C131, C569, R29, R582, R219, R20, R3, R4, R144, R7                           |
| .....6 | KCR-102B        | RES. CHIP 1/16W 1K                     | 1   | EA  | R9   |
| .....6 | KCR-102G        | RES. CHIP 1/16W 1K                     | 6   | EA  | R517, R536, R188, R5, R520, R238   |
| .....6 | KCR-103B        | RES. CHIP 1/16W 10K                    | 2   | EA  | R543, R549   |
| .....6 | KCR-103G        | RES. CHIP 1/16W 10K                    | 10  | EA  | R107, R112, R537, R547, R101, R561, R12, R23, R26, R33                       |
| .....6 | KCR-103TMC3KB   | CHIP VR NOBLE TMC3KB10K TR 10K         | 1   | EA  | VR502  |
| .....6 | KCR-104G        | RES. CHIP 1/16W 100K                   | 2   | EA  | R115, R17  |
| .....6 | KCR-115G        | RES CHIP 1/16W 1.1M 5%                 | 1   | EA  | R104   |
| .....6 | KCR-122G        | RES. CHIP 1/16W 1.2K                   | 1   | EA  | R512   |
| .....6 | KCR-123G        | RES CHIP 1/16W 5% 12K 0402             | 2   | EA  | R119, R538   |
| .....6 | KCR-124G        | RES CHIP 1/16W 5% 120K 0402            | 1   | EA  | R214   |
| .....6 | KCR-133G        | RES. CHIP 1/16W 13K 0402               | 3   | EA  | R159, R618, R106   |
| .....6 | KCR-135G        | RES CHIP 1/16S 5% 1.3M 0402            | 1   | EA  | R111   |
| .....6 | KCR-153G        | RES. CHIP 1/16W 15K                    | 3   | EA  | R113, R160, R213   |
| .....6 | KCR-154G        | RES. CHIP 1/16W 5% 150K 0402           | 2   | EA  | R161, R14  |
| .....6 | KCR-155G        | RES CHIP 1/16W 5% 1.5M 0402            | 1   | EA  | R150   |
| .....6 | KCR-181G        | RES. CHIP 1/16W 180 0402               | 2   | EA  | R541, R177   |
| .....6 | KCR-184G        | RES CHIP 1/16W 5% 180K 0402            | 1   | EA  | R122   |
| .....6 | KCR-200G        | RES CHIP 1/16W 20 OHM                  | 1   | EA  | R578   |
| .....6 | KCR-201G        | RES CHIP 1/16W 5% 2000HM 0402          | 1   | EA  | R239   |
| .....6 | KCR-220G-JD4GN  | WRONG P/N KCR-220G-JN4GN               | 3   | EA  | R570, R571, R572   |
| .....6 | KCR-221G        | RES. CHIP 1/16W 220                    | 1   | EA  | R513   |
| .....6 | KCR-222B        | RES. CHIP 1/16W 2.2K                   | 3   | EA  | R539, R153, R562   |
| .....6 | KCR-222G        | RES. CHIP 1/16W 2.2K                   | 2   | EA  | R121, R542   |
| .....6 | KCR-223G        | RES. CHIP 1/16W 22K                    | 13  | EA  | R117, R151, R540, R142, R706, R707, R708, R709, R710, R711<br>R118, R6, R147 |
| .....6 | KCR-224B        | RES. CHIP 1/16W 220K                   | 2   | EA  | R114, R216   |

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| Level  | Item           | Description                               | Qty | U/M | Schema  |
|--------|----------------|---|-----|-----|---|
| .....6 | KCR-224G       | RES. CHIP 1/16W 220K                      | 7   | EA  | R103, R712, R713, R714, R715, R704, R705      |
| .....6 | KCR-274G       | RES. CHIP 1/16W 270K 0402                 | 4   | EA  | R110, R102, R516, R155                        |
| .....6 | KCR-300G       | RES. CHIP 1/16W 30 0402                   | 1   | EA  | R11   |
| .....6 | KCR-302G       | RES. CHIP 1/16W 3K                        | 5   | EA  | R184, R257, R533, R8, R237                    |
| .....6 | KCR-331G       | RES. CHIP 1/16W 330 OHM 0402              | 3   | EA  | R550, R510, R15                               |
| .....6 | KCR-332G       | RES. CHIP 1/16W 3.3K 0402                 | 4   | EA  | R152, R534, R548, R148                        |
| .....6 | KCR-333B       | RES. CHIP 1/16W 33K                       | 1   | EA  | R105  |
| .....6 | KCR-333G       | RES. CHIP 1/16W 33K                       | 3   | EA  | R108, R158, C140                              |
| .....6 | KCR-334G       | RES. CHIP 1/16W 5% 330K 0402              | 4   | EA  | R109, R163, R559, R519                        |
| .....6 | KCR-392G       | RES. CHIP 1/16W 3.9K                      | 2   | EA  | R514, R546                                    |
| .....6 | KCR-394G       | RES CHIP 1/16W 5% 390K 0402               | 1   | EA  | R120  |
| .....6 | KCR-470G       | RES. CHIP 1/16W 47                        | 1   | EA  | R563  |
| .....6 | KCR-472G       | RES. CHIP 1/16W 4.7K 0402                 | 3   | EA  | R535, R143, R165                              |
| .....6 | KCR-473B       | RES. CHIP 1/16W 47K                       | 2   | EA  | R186, R174                                    |
| .....6 | KCR-473G       | RES. CHIP 1/16W 47K                       | 2   | EA  | R258, C139                                    |
| .....6 | KCR-474G       | RES. CHIP 1/16W 470K 0402                 | 8   | EA  | R116, R154, R162, R164, R515, R703, R24, R256 |
| .....6 | KCR-502TMC3KB  | CHIP VR NOBLE TMC3KB5K TR 5K              | 2   | EA  | VR101, VR503                                  |
| .....6 | KCR-502POZ3AN1 | CHIP VOLUME POZ3AN-1-502N 5K              | 0   | EA  | VR101, VR503                                  |
| .....6 | KCR-512G       | RES CHIP 1/16W 5% 5.1K 0402               | 1   | EA  | R716  |
| .....6 | KCR-561G       | RES. CHIP 1/16W 560 OHM 0402              | 1   | EA  | R240  |
| .....6 | KCR-682G       | RES. CHIP 1/16W 6.8K 0402                 | 1   | EA  | R135  |
| .....6 | KCR-683G       | RES CHIP 1/16W 5% 68K 0402                | 3   | EA  | R509, R518, R2                                |
| .....6 | KCR-822G       | RES. CHIP 1/16W 8.2K 0402                 | 3   | EA  | R149, R231, R544                              |
| .....6 | KCT-DTC143TUA  | TR. CHIP NPN DTC143TUA                    | 4   | EA  | Q126, Q127, Q128, Q129                        |
| .....6 | KCT-NE5510279A | RF POWER N-FET NE5510279A NEC             | 1   | EA  | Q501  |
| .....6 | KCT-2SA1586GR  | TR CHIP PNP 2SA1586GR                     | 2   | EA  | Q507, Q112                                    |
| .....6 | KCT-2SA1979S-Y | TR CHIP PNP 2SA1979S-Y SOT-23             | 1   | EA  | Q141  |
| .....6 | KCT-2SC4116GR  | TR CHIP NPN 2SC4116GR                     | 7   | EA  | Q142, Q115, Q103, Q106, Q107, Q4, Q510        |
| .....6 | KCT-2SC4901    | TR. CHIP NPN 2SC4901                      | 2   | EA  | Q512, Q701                                    |
| .....6 | KCT-2SC5090-0  | TR. CHIP NPN 2SC5090                      | 2   | EA  | Q503, Q504                                    |
| .....6 | KCT-2SC5754    | TRS CHIP NPN 2SC5754 M04 NEC              | 1   | EA  | Q502  |
| .....6 | KECF-0165      | SAW FILTER HDF465AS YEL SMD               | 1   | EA  | BPF501  |
| .....6 | KEIC-AZ324M    | IC AZ324 S01C-14 QUAD OP AMP              | 2   | EA  | IC102, IC103                                  |
| .....6 | KEIC-TB31202FN | IC TB31202FN PLL                          | 1   | EA  | IC502   |
| .....6 | KEIC-YD3361    | IC YD3361 SOP-16 LOW POWER FM IF          | 1   | EA  | IC501   |
| .....6 | KEL-S121       | COIL SPRING 1.3X0.4X4TS-P WFD             | 4   | EA  | L501, L503, L530, L505                        |
| .....6 | KEL-S122       | COIL SPRING 1.3X0.4X3TS-P WFD             | 2   | EA  | L502, L504                                    |
| .....6 | KEL-S131       | COIL SPRING 0.4X1.3X3T                    | 1   | EA  | L509  |
| .....6 | KEM-M17606     | SHIELD CAN                                | 1   | EA  |   |
| .....6 | KEX-0394-C     | CRYSTAL                                   | 0   | EA  | X501  |
| .....6 | KEX-0394-C1    | CRYSTAL 20.95MHZ BLACK UM-1 CL=15PF       | 0   | EA  | X501  |
| .....6 | KEX-0394-C3    | CRYSTAL 20.95MHZ YELLOW UM-1 CL=15PF      | 0   | EA  | X501  |
| .....6 | KEX-0394-C4    | CRYSTAL 20.95MHZ GREEN UM-1 CL=15PF       | 0   | EA  | X501  |
| .....6 | KEX-0412-2     | CRYSTAL 20M95HZ B CL=15PF UM-1 CMT WHITE  | 0   | EA  | X501  |
| .....6 | KEX-0412-3     | CRYSTAL 20M95HZ C CL=15PF UM-1 CMT YELLOW | 0   | EA  | X501  |
| .....6 | KEX-0412-4     | CRYSTAL 20M95HZ D CL=15PF UM-1 CMT GREEN  | 0   | EA  | X501  |
| .....6 | KEX-0412       | CRYSTAL UNIT                              | 1   | EA  | X501  |
| ...3   | R1050B1XXXU    | BASE RF & MAIN UNIQUE PART                | 1   | EA  |   |
| ...4   | R1050B1SU      | BASE RF & MAIN SMT UNIQUE PART            | 1   | EA  |   |

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| Level | Item | Description             | Qty  | U/M | Schema |
|-------|------|-------------------------|------|-----|--------|
| ...   | 5    | R1050B1SBU              | 1    | EA  |        |
| ...   | 5    | R1050B1STU              | 1    | EA  |        |
| 1     |      | R1050PXXUSSV00          | 1    | EA  |        |
| 0.2   |      | R1050HT                 | 1    | EA  |        |
| ..3   |      | KEM-M9959               | 1    | EA  |        |
| ..3   |      | KEM-M9960               | 1    | EA  |        |
| ..3   |      | KEM-M9961               | 1    | EA  |        |
| ..3   |      | KEM-M9962               | 1    | EA  |        |
| ..3   |      | KEM-OT9973              | 1    | EA  |        |
| ..3   |      | KEM-P17611              | 1    | EA  |        |
| ..3   |      | KEM-P17612              | 1    | EA  |        |
| ..3   |      | KEM-P9964               | 1    | EA  |        |
| ..3   |      | KEM-P9965               | 1    | EA  |        |
| ..3   |      | KEM-P9966-01            | 1    | EA  |        |
| ..3   |      | KEM-TS2307C4B           | 3    | EA  |        |
| 0.2   |      | R1050PXXUSSV            | 1    | EA  |        |
| ..3   |      | KEM-PK17605             | 1    | EA  |        |
| ..3   |      | KEM-PK17606             | 0.25 | EA  |        |
| ..3   |      | KEM-PK17607             | 0.25 | EA  |        |
| ..3   |      | KEM-PK17608             | 2    | EA  |        |
| ...4  |      | KEM-PK12760-01          | 1    | EA  |        |
| 0.2   |      | R1050PXXXX              | 1    | EA  |        |
| ..3   |      | KEM-PK14013             | 0.25 | EA  |        |
| ..3   |      | KEM-PK17601             | 1    | EA  |        |
| ..3   |      | KEM-PK17602             | 1    | EA  |        |
| ..3   |      | KEM-PK17603             | 1    | EA  |        |
| ..3   |      | KEM-PK17604             | 1    | EA  |        |
| ..3   |      | KEM-PK17608-01          | 2    | EA  |        |
| ...4  |      | KEM-PK12760-01          | 1    | EA  |        |
| ..3   |      | KEM-PK1937              | 0.01 | EA  |        |
| ...4  |      | KEM-PK5958              | 1    | EA  |        |
| ..3   |      | KEM-PK1939              | 1    | EA  |        |
| ..3   |      | KEM-PK5972              | 0    | EA  |        |
| ..3   |      | KEM-PK7133              | 2    | EA  |        |
| ..3   |      | KEM-PK7360              | 0    | EA  |        |
|       |      | >>>> End of B.O.M. <<<< |      |     |        |