

|                    |                                            |                                        |       |     |    |      |                 |
|--------------------|--------------------------------------------|----------------------------------------|-------|-----|----|------|-----------------|
| : FINAL            |                                            | PARTS LIST                             |       |     |    |      |                 |
| : FINAL            |                                            | =====                                  |       |     |    |      |                 |
| : FINAL            |                                            |                                        |       |     |    |      |                 |
| : UNDEFINED        |                                            |                                        |       |     |    |      |                 |
| : 7760             | HM-435 UHF MOBILE LMR                      | list made from HM135 and uhf schematic |       |     |    | (    |                 |
| -----              | -----                                      | -----                                  | ----- | --- | -- | ---- | -----           |
| PART-NO.           | NAME & DESCRIPTION                         |                                        | Q'TY  | UT  | G  | KON  | REFERENCE-NO    |
| -----              | -----                                      | -----                                  | ----- | --- | -- | ---- | -----           |
| 577-60C-A          | COVER ASS'Y                                |                                        | 1 EA  | A   |    |      |                 |
| Nr 33 in DWG       | (+)MACHINE SCREW(BH)<br>(Main PCB fix )    | M3x6 ZN-PLAT (+) MA                    | 13 EA | B   |    | SUB  |                 |
| Nr 34 in DWG       | (+)MACHINE SCREW(BH)<br>(Power amp & 7808) | M3X8 (+)BH NI                          | 3 EA  | B   |    | SUB  |                 |
| Nr 39 in DWG       | (+)MACHINE SCREW(BH)<br>(Audio Amp)        | M3X6 (+)BH NI                          | 1     |     |    |      |                 |
| Nr 36 in DWG       | WASHER SPRING<br>(Power amp & 7808)        | Washer Spring 3.0mm Zn                 | 3     |     |    |      |                 |
| Nr 14 in DWG       | (+)MACHINE SCREW(BH)<br>(ESC + Main)       | M3X8 (+)PH BLK                         | 4 EA  | B   |    | SUB  |                 |
| Nr 37 in DWG       | (+)MACHINE SCREW(BH)<br>(UHF Connector)    | M3X12 ZN-PLAT                          | 2 EA  | B   |    | SUB  |                 |
| Nr 36 in DWG       | (+)MACHINE SCREW(PH)<br>( UHF Connector)   | M3X5 (+)PH BLK                         | 2 EA  | B   |    | SUB  |                 |
| Nr 32 in DWG       | (+)MACHINE SCREW(BH)                       | 4X10 BLK (+)PH MA                      | 4 EA  | B   |    | SUB  |                 |
| 651-024            | NUT                                        | SS41 M3-1S ZN-PLAT                     | 2 EA  | B   |    | SUB  |                 |
| 702-491            | BODY MAIN                                  | ALDC12                                 | 1 EA  | B   |    | SUB  |                 |
| 71A-256            | COVER MAIN                                 | ALDC12                                 | 1 EA  | B   |    | SUB  |                 |
| 772-651            | SHIELD UHF                                 | TIN 0.3                                | 1 EA  | B   |    | SUB  |                 |
| 772-652            | SHIELD VCO                                 | TIN 0.3                                | 1 EA  | B   |    | SUB  |                 |
| 772-670-A          | SHIELD CAN                                 | STPE T0.15                             | 1 EA  | B   |    | SUB  |                 |
| 896-252            | GASKET BODY                                | CONDUCTIVE RUBBER                      | 1 EA  | B   |    | SUB  |                 |
| 896-253            | GASKET CABLE                               | CONDUCTIVE RUBBER                      | 1 EA  | B   |    | SUB  |                 |
| 896-254            | GASKET DB25                                | CONDUCTIVE RUBBER                      | 1 EA  | B   |    | SUB  |                 |
| 896-256            | GASKET UHF                                 | CONDUCTIVE RUBBER                      | 1 EA  | B   |    | SUB  |                 |
| 896-325            | GASKET DB9                                 | SILICONE RUBBER BLK                    | 1 EA  | B   |    | SUB  |                 |
| 896-044            | SPONGE ( display module)                   |                                        |       |     |    |      |                 |
| 577-60E-A          | ESCUTCHEON ASS'Y                           |                                        | 1 EA  | A   |    |      |                 |
| Nr 11 and 25 in DW | PT (+)TAPPING SCREW(PH) (PCB and Speaker)  | 2.5X6                                  | 6 EA  | B   |    | SUB  |                 |
| Nr 15 in DWG       | PT (+)TAPPING SCREW(PH)                    | 2.5X10                                 | 7 EA  | B   |    | SUB  |                 |
| 71A-257            | HOUSING FRONT                              | ALDC12                                 | 1 EA  | B   |    | SUB  |                 |
| 796-017            | OVERLAY                                    | PC TEXTURE T0.5                        | 1 EA  | B   |    | SUB  |                 |
| 796-018            | PLATE ALAN                                 | PC TEXTURE T0.5                        | 1 EA  | B   |    | SUB  |                 |
| 801-817            | E.S.C                                      | PC                                     | 1 EA  | B   |    | SUB  |                 |
| 814-519            | WINDOW                                     | ACRYL                                  | 1 EA  | B   |    | SUB  |                 |
| 819-001            | ILLUMINATOR                                | ACRYL                                  | 1 EA  | B   |    | SUB  |                 |
| 826-612            | KNOB                                       | SILICONE RUBBER BLK                    | 1 EA  | B   |    | SUB  |                 |
| 896-216            | KEY PAD                                    | SILICONE RUBBER                        | 1 EA  | B   |    | SUB  |                 |
| 896-255            | GASKET FRONT                               | CONDUCTIVE RUBBER                      | 1 EA  | B   |    | SUB  |                 |
| 896-326            | GASKET SPEAKER                             | SILICONE RUBBER BLK                    | 1 EA  | B   |    | SUB  |                 |
| 577-60H-MA         | HEAD MANUAL ASS'Y                          |                                        | 1 EA  | A   |    |      |                 |
| 251-327-8          | LED DUAL LAMP                              | SPR-39MVW                              | 1 EA  | B   |    | SUB  | DA800           |
| 252-310-7          | LCD MODULE                                 | PS12032LRS-DAN-K01                     | 1 EA  | B   |    | SUB  |                 |
| 270-359-8Z         | CERAMIC RESONATOR                          | ZTT-8.00MT(8MHZ)                       | 1 EA  | B   |    | SUB  | X800            |
| 420-132-6          | SPEAKER                                    | FB-064-A3123 4 OHM NOM 4.0W            | 1 EA  | B   |    | SUB  |                 |
| 420-863-3          | JACK MODULAR                               | 8949-F66/15                            | 1 EA  | B   |    | SUB  | XT901           |
|                    | CONN. DB9 STRIGHT                          | ZDEE9S-OL2-146                         | 1 EA  | B   |    | SUB  | XT802           |
| 436-057-5          | SW TACT                                    | SKQYAB                                 | 7 EA  | B   |    | SUB  | SB1.2.3.4.5.6.7 |
| 577-60H-PB         | HAED POT. METER B'D                        |                                        | 1 EA  | A   |    |      |                 |
| 05B-103-5Z         | CHIP RESISTOR                              | 10K 1/16W 5% T 1608                    | 2 EA  | B   |    | SMD  | R901.902        |

|             |                      |                               |    |    |   |     |                                |
|-------------|----------------------|-------------------------------|----|----|---|-----|--------------------------------|
| 132-260-8Y  | CHIP CERAMIC         | 220PF GRM39 COG221J 50V PT    | 7  | EA | B | SMD | C901.902.903.904.905.906.907   |
| 421-405-4   | CONNECTOR FPC        | 8X1MM SMD TOP CONTACT(487951) | 1  | EA | B | SUB | XT902                          |
| 450-459-2   | VR                   | 10KA:PK093VS-1 15SK A10K      | 1  | EA | B | SUB | RP901                          |
| 577-60H-SA  | HEAD SMD ASS'Y       |                               | 1  | EA | A |     |                                |
| 05B-101-3Z  | CHIP RESISTOR        | 100 1/16W 5% T 1608           | 4  | EA | B | SMD | R814.827.832.836               |
| 05B-102-4Z  | CHIP RESISTOR        | 1K 1/16W 5% T 1608            | 4  | EA | B | SMD | R822.829.830.861               |
| 05B-103-5Z  | CHIP RESISTOR        | 10K 1/16W 5% T 1608           | 27 | EA | B | SMD | R801.802.805.806.807.810.813.  |
|             |                      |                               |    |    |   |     | 816.817.821.824.828.831.833. + |
|             |                      |                               |    |    |   |     | 840.842.844.850.851.852.853.   |
|             |                      |                               |    |    |   |     | 855.856.857.858.860.854        |
| 05B-153-OZ  | CHIP RESISTOR        | 15K 1/16W 5% T 1608           | 9  | EA | B | SMD | R834.835.837.838.839.841.843.  |
|             |                      |                               |    |    |   |     | 845.848                        |
| 05B-154-1Z  | CHIP RESISTOR        | 150K 1/16W 5% T 1608          | 1  | EA | B | SMD | R808                           |
| 05B-222-9Z  | CHIP RESISTOR        | 2.2K 1/16W 5% T 1608          | 3  | EA | B | SMD | R819.820.862                   |
| 05B-223-OZ  | CHIP RESISTOR        | 22K 1/16W 5% T 1608           | 4  | EA | B | SMD | R823.825.864.866               |
| 05B-272-4Z  | CHIP RESISTOR        | 2.7K 1/16W 5% T 1608          | 2  | EA | B | SMD | R811.812                       |
| 05B-472-8Z  | CHIP RESISTOR        | 4.7K 1/16W 5% T 1608          | 1  | EA | B | SMD | R815                           |
| 05B-473-9Z  | CHIP RESISTOR        | 47K 1/16W 5% T 1608           | 3  | EA | B | SMD | R847.859.863                   |
| 06J-101-6   | CHIP RESISTOR        | 100 1/4W 5% T 3216            | 4  | EA | B | SMD | R800.803.846.849               |
| 060-202-4Z  | CHIP RESISTOR        | 2K 1/10W 5% T 2012            | 1  | EA | B | SMD | R826                           |
| 060-221-1Z  | CHIP RESISTOR        | 220 1/10W 5% T 2012           | 2  | EA | B | SMD | R804.809                       |
| 130-A75-8Y  | CHIP CERAMIC         | 0.001UF GRM39 X7R102K 50V PT  | 5  | EA | B | SMD | C802.803.804.806.808.825       |
| 130-B09-9Y  | CHIP CERAMIC         | 0.1UF GRM39 X7R104K 16V AT    | 8  | EA | B | SMD | C811.812.813.816.817.820.822.  |
|             |                      |                               |    |    |   |     | 824                            |
| 130-290-5Y  | CHIP CERAMIC         | 0.22UF GRM40 X7R224K 16V      | 1  | EA | B | SMD | C801                           |
| 131-089-7Y  | CHIP CERAMIC         | 1UF GRM40 Y5V105Z 16V PT      | 3  | EA | B | SMD | C805.821.823                   |
| 131-093-9Y  | CHIP CERAMIC         | 100PF GRM39 COG101J 50V PT    | 3  | EA | B | SMD | C800.807.818                   |
| 141-021-8   | CHIP TANTALUM        | 10UF ECST1CX106R 16V          | 2  | EA | B | SMD | C814.819                       |
| 141-512-4   | CHIP TANTALUM        | 15UF ECST1CX156R 16V          | 1  | EA | B | SMD | C810                           |
| 143-314-4   | CHIP TANTALUM        | 33UF ECST0JX336R 6.3V         | 1  | EA | B | SMD | C815                           |
| 143-317-6   | CHIP TANTALUM        | 3.3UF ECST1CY335R 16V         | 1  | EA | B | SMD | C809                           |
| 200-238-1   | TRANSISTOR           | DTC114EETL                    | 6  | EA | B | SMD | Q(VT805.807.808.809.810.811)   |
| 200-241-3   | TRANSISTOR           | DTC144EETL                    | 1  | EA | B | SMD | Q(VT806)                       |
| 200-249-1   | TRANSISTOR           | UMW1N (UMT5)                  | 1  | EA | B | SMD | Q(VT803)                       |
| 200-255-6   | TRANSISTOR           | 2SA1586GR                     | 1  | EA | B | SMD | Q(VT813)                       |
| 200-256-7   | TRANSISTOR           | 2SC4116GR                     | 4  | EA | B | SMD | Q(VT802.812.814.815)           |
| 200-315-7   | TR RF AMP            | MMBF5484(SOT-23)              | 1  | EA | B | SMD | Q(VT804)                       |
| 200-325-6   | TRANSISTOR PNP       | BCW30                         | 3  | EA | B | SMD | Q(VT800.801.816)               |
| 220-378-0   | I.C REGULATOR        | KIA78L05F                     | 1  | EA | B | SMD | IC(DA802)                      |
| 221-542-6   | I.C DUAL OP AMP      | NJM2904V-TE1/2(SSOP8)         | 2  | EA | B | SMD | IC(DA801.804)                  |
| 221-802-1   | I.C LDO REGULATOR    | TPS77133                      | 1  | EA | B | SMD | IC(DA803)                      |
|             | I.C Double inverter  | NC7WZ14P6X                    | 1  | EA | B | SMD | IC(DD802)                      |
| 221-871-3   | I.C MICRO CONTROLLER | MSP430F147IPM                 | 1  | EA | B | SMD | IC(DD800)                      |
| 241-269-6   | DIODE ZENER          | BZX84-C10                     | 1  | EA | B | SMD | D(VD807)                       |
| 243-089-0   | DIODE SWITCHING CHIP | 1SS355 TE-17                  | 4  | EA | B | SMD | D(VD806.808.809.810)           |
| 251-300-3   | LED CHIP             | SML-010MT T86N GRN            | 6  | EA | B | SUB | D(VD800.801.802.803.804.805)   |
| 321-212-9   | CORE FERRITE BEADS   | BLM31PG121SN1                 | 1  | EA | B | SMD | L800                           |
| 421-405-4   | CONNECTOR FPC        | 8X1MM SMD TOP CONTACT(487951) | 1  | EA | B | SMD | XT801                          |
| 421-726-8   | CONN. SMD FEMALE     | 2MM(2X3) MMS-103-02-L-DV-TR   | 1  | EA | B | SMD | XP801                          |
| 423-864-9   | CABLE FLATE          | E129545 AWM2896 BOC VW1       | 1  | EA | B | SUB |                                |
| 480-070-1   | POT. CHIP TRIMMER    | MVR34 HXBR N472               | 1  | EA | B | SMD | RV(RP800)                      |
| 577-60M-A   | MIC ASS'Y            |                               | 1  | EA | A |     |                                |
| 577-60M-BMA | MAIN B'D MAN. ASSY A |                               | 1  | EA | A |     |                                |
| 002-301-2Z  | FILM RESISTOR        | 300 1/8W 5% ST                | 1  | EA | B | SUB | R(RFB1)                        |
| 130-350-6Y  | CHIP CERAMIC         | 0.039UF GRM39 Y5V393Z 50V PT  | 1  | EA | B | SUB | CADD1                          |
| 131-158-5Y  | DISK CERAMIC         | 10PF 5AQ10OJAAAA 500V         |    | EA | B | SUB |                                |
| 131-159-6Y  | DISK CERAMIC         | 100PF 5GQ101JADAA 200V        |    | EA | B | SUB |                                |
| 131-262-5Y  | DISK CERAMIC         | 12PF 5AQ12OJAAAA 500V         |    | EA | B | SUB | C                              |
| 132-A05-5Y  | DISK CERAMIC         | 22PF 5AQ22OJABAA 500V         |    | EA | B | SUB |                                |
| 133-378-7Y  | DISK CERAMIC         | 33PF 5AQ33OJACAA 500V         |    | EA | B | SUB |                                |
| 134-757-1Y  | CHIP CERAMIC         | 47PF GRM39 COG470J 50V PT     | 1  | EA | B | SUB | CADD2                          |
| 134-793-3Y  | DISK CERAMIC         | 47PF 5GQ47OJACAA 500V         | 1  | EA | B | SUB | C164                           |

|             |                      |                           |       |    |   |     |                                       |
|-------------|----------------------|---------------------------|-------|----|---|-----|---------------------------------------|
| 135-658-0Y  | DISK CERAMIC         | 5.6PF 5AQ5R6CAAAA 500V    |       | EA | B | SUB |                                       |
| 136-805-1Z  | DISK CERAMIC         | 68PF DD360CH 680K 50V     | 2     | EA | B | SUB | CADD3.4                               |
| 136-867-7Y  | DISK CERAMIC         | 6.8PF 5AQ6R8CAAAA 500V    | 1     | EA | B | SUB | CADD5                                 |
| 200-320-1   | TR POWER RF          | MRF1535T1                 | 1     | EA | B | SUB | Q(VT22)                               |
| 221-626-9   | I.C RADIO POWER AMP  | TDA1519B                  | 1     | EA | B | SUB | IC(DA14)                              |
| 222-013-0   | I.C                  | KIA7808P                  | 1     | EA | B | SUB | IC(DA7)                               |
| 263-469-6   | CRYSTAL(UM-6S)       | 44.645M -30 15PM 13.8P    | 1     | EA | B | SUB | X1                                    |
| 263-477-3   | CRYSTAL              | 8MHZ -20 30PM 15PF C1-301 | 1     | EA | B | SUB | X3                                    |
|             | TCXO                 | DSA751HA 14.400 MHz       | 1     | EA | B | SUB | G1                                    |
| 270-342-2Y  | FILTER CERAMIC       | LTM455HW                  | 1     | EA | B | SUB | CF2                                   |
| 270-343-3Y  | FILTER CERAMIC       | LTM455FW                  | 1     | EA | B | SUB | CF1                                   |
| 271-203-5   | FILTER CRYSTAL       | 45N12B5 (45.1MHZ)         | 2     | EA | B | SUB | XF1A.1B                               |
| 310-923-0   | COIL SPRING          | 0.5X1.5X2T:L              | 1     | EA | B | SUB |                                       |
| 312-018-3   | COIL AIR WOUND       | LE-017 2.5D 4T 0.5        | 1     | EA | B | SUB |                                       |
| 312-019-4   | COIL AIR WOUND       | LE-019 2.5D 5T 0.5        | 1     | EA | B | SUB | L37                                   |
| 312-310-6   | COIL SPRING          | 1.1X4.1X3T:L              | 1     | EA | B | SUB | L46                                   |
| 312-311-7   | COIL SPRING          | 1.1X4.5X4T:L              | 5     | EA | B | SUB | L35.44.47.48.49                       |
| 312-312-8   | COIL SPRING          | 1.1X5.0X2T:L              | 1     | EA | B | SUB | L36                                   |
| 321-213-0   | DORE FERRITE TOROIDS | TC6/4/2-4C65              | 1     | EA | B | SUB |                                       |
| 421-405-3   | CONNECTOR            | DGC 09MM 4A               | 1     | EA | B | SUB |                                       |
| 421-727-9Z  | CONN. DE9 FEMALE     | GDMR-9S                   | 1     | EA | B | SUB | XT2                                   |
| 421-728-0   | CONN. DB25 FEMALE    | DB25S-1A7N-A197           | 1     | EA | B | SUB | XT1                                   |
| 421-729-1   | CONNECTOR FEMALE     | 2.54MM BCS-103-L-D-TE     | 1     | EA | B | SUB | XP2                                   |
| 421-729-1A  | CONNECTOR FEMALE     | 2.54MM BCS-108-L-D-TE     | 1     | EA | B | SUB | XP1                                   |
| 422-907-0   | CONNECTOR ANT        | SO-239 "M" TYPE SW-1222   | 1     | EA | B | SUB |                                       |
| 427-241-6   | COAXIAL CABLE        | 178U W/0 COVER            | 0.03  | ME | B | SUB | W1                                    |
| 504-367     | 2P PLUG ASS'Y        | 2P                        | 1     | EA | S | SUB |                                       |
| 422-620-0   | CONNECTOR            | 174197-1                  | 1     | EA | B | SUB |                                       |
| 422-851-2   | TERMINAL             | 170340-1                  | 2     | EA | B | SUB |                                       |
| 427-198-1   | WIRE                 | 1015 AWG 14(41/0.26) BLK  | 0.265 | ME | B | SUB |                                       |
| 427-199-2   | WIRE                 | 1015 AWG 14(41/0.26) RED  | 0.265 | ME | B | SUB |                                       |
| 577-60M-BSA | MAIN B'D SMD ASS'Y A |                           | 1     | EA | A |     |                                       |
| 05A-103-5Z  | CHIP RESISTOR        | 10K 1/ 8W 5% T 3216       | 1     | EA | B | SMD | R157                                  |
| 05B-000-5Z  | CHIP RESISTOR        | 0 1/16W 5% T 1608         | 3     | EA | B | SMD | R92.411.412                           |
| 05B-100-2Z  | CHIP RESISTOR        | 10 1/16W 5% T 1608        | 23    | EA | B | SMD | R16.17.20.21.76.85.91.102.            |
|             |                      |                           |       |    |   |     | 105.342.1066.1082.123.140.229.241. +  |
|             |                      |                           |       |    |   |     | .VD2.3.26AA.R159.282.LK1.LK2          |
| 05B-101-3Z  | CHIP RESISTOR        | 100 1/16W 5% T 1608       | 11    | EA | B | SMD | R64.65.67.101.103.143.303.325.        |
|             |                      |                           |       |    |   |     | 330, 281, 337                         |
| 05B-102-4Z  | CHIP RESISTOR        | 1K 1/16W 5% T 1608        | 16    | EA | B | SMD | R3.8.34.57.59.80.94.76.78             |
|             |                      |                           |       |    |   |     | 509.142.153.161.313.331.405           |
| 05B-103-5Z  | CHIP RESISTOR        | 10K 1/16W 5% T 1608       | 51    | EA | B | SMD | R33.38.54.87.89.100.110.              |
|             |                      |                           |       |    |   |     | .150.151.154.160.164.165.511.512.517. |
|             |                      |                           |       |    |   |     | 169.174.176.177.178.180.181.18        |
|             |                      |                           |       |    |   |     | 2.184.185.186.187.191.192.193.        |
|             |                      |                           |       |    |   |     | 27,28,32,33.401.404.407.336.219       |
| 05B-104-6Z  | CHIP RESISTOR        | 100K 1/16W 5% T 1608      | 18    | EA | B | SMD | R86.112.119.145.156.                  |
|             |                      |                           |       |    |   |     | 220.221.223.227.255.267.269. +        |
|             |                      |                           |       |    |   |     | 279.280.283.308.309                   |
|             | CHIP RESISTOR        | 1.3K 1/16W 5% T 1608      |       |    |   |     | R118                                  |
| 05B-150-7Z  | CHIP RESISTOR        | 15 1/16W 5% T 1608        | 2     | EA | B | SMD | R13.128                               |
| 05B-151-8Z  | CHIP RESISTOR        | 150 1/16W 5% T 1608       | 4     | EA | B | SMD | R2.5.28.41                            |
| 05B-152-9Z  | CHIP RESISTOR        | 1.5K 1/16W 5% T 1608      | 6     | EA | B | SMD | R27.147.155.266.329.510               |
| 05B-153-0Z  | CHIP RESISTOR        | 15K 1/16W 5% T 1608       | 2     | EA | B | SMD | R257.238                              |
| 05B-154-1Z  | CHIP RESISTOR        | 150K 1/16W 5% T 1608      | 5     | EA | B | SMD | R49.50.260.275.254                    |
| 05B-155-2Z  | CHIP RESISTOR        | 1.5M 1/16W 5% T 1608      | 1     | EA | B | SMD | R149                                  |
| 05B-201-0Z  | CHIP RESISTOR        | 200 1/16W 5% T 1608       | 4     | EA | B | SMD | R130.513.516.546                      |
| 05B-202-1Z  | CHIP RESISTOR        | 2K 1/16W 5% T 1608        | 2     | EA | B | SMD | R148.324                              |
| 05B-203-2Z  | CHIP RESISTOR        | 20K 1/16W 5% T 1608       |       | EA | B | SMD |                                       |
| 05B-204-3Z  | CHIP RESISTOR        | 200K 1/16W 5% T 1608      | 1     | EA | B | SMD | R108                                  |
|             | CHIP RESISTOR        | 2.2 1/16W 5% T 1608       |       |    |   |     | R125                                  |

|            |                    |                       |    |    |   |     |                                 |
|------------|--------------------|-----------------------|----|----|---|-----|---------------------------------|
| 05B-220-7Z | CHIP RESISTOR      | 22 1/16W 5% T 1608    | 2  | EA | B | SMD | R51.125                         |
| 05B-221-8Z | CHIP RESISTOR      | 220 1/16W 5% T 1608   | 1  | EA | B | SMD | R29                             |
| 05B-222-9Z | CHIP RESISTOR      | 2.2K 1/16W 5% T 1608  | 27 | EA | B | SMD | R1.32.39.43.116.131.162.        |
|            |                    |                       |    |    |   |     | 166.167.170.171.179.188.195. +  |
|            |                    |                       |    |    |   |     | 204.208.214.218.228.230.261.340 |
|            |                    |                       |    |    |   |     | 284.294.300.302.305.320         |
| 05B-223-0Z | CHIP RESISTOR      | 22K 1/16W 5% T 1608   | 2  | EA | B | SMD | R256.292                        |
| 05B-224-1Z | CHIP RESISTOR      | 220K 1/16W 5% T 1608  | 4  | EA | B | SMD | R30.42.90.113                   |
| 05B-272-4Z | CHIP RESISTOR      | 2.7K 1/16W 5% T 1608  | 1  | EA | B | SMD | R24                             |
| 05B-273-5Z | CHIP RESISTOR      | 27K 1/16W 5% T 1608   | 2  | EA | B | SMD | R246.253                        |
| 05B-274-6Z | CHIP RESISTOR      | 270K 1/16W 5% T 1608  | 1  | EA | B | SMD | R68                             |
| 05B-301-7Z | CHIP RESISTOR      | 300 1/16W 5% T 1608   | 8  | EA | B | SMD | R14.15.311.315.318.319.321.323  |
| 05B-330-3Z | CHIP RESISTOR      | 33 1/16W 5% T 1608    | 1  | EA | B | SMD | R36                             |
| 05B-331-4Z | CHIP RESISTOR      | 330 1/16W 5% T 1608   | 7  | EA | B | SMD | R74.138.139.141.158.212.408     |
| 05B-332-5Z | CHIP RESISTOR      | 3.3K 1/16W 5% T 1608  | 12 | EA | B | SMD | R52.104.137.163.173.183.189.27  |
|            |                    |                       |    |    |   |     | 276.291.297.402                 |
|            | CHIP RESISTOR      | 33K 1/16W 5% T 1608   | 1  | EA | B | SMD | R274                            |
| 05B-361-1Z | CHIP RESISTOR      | 360 1/16W 5% T1608    | 1  | EA | B | SMD | R210                            |
|            | CHIP RESISTOR      | 39 1/16W 5% T 1608    | 3  | EA | B | SMD | R77.343.345                     |
| 05B-391-8Z | CHIP RESISTOR      | 390 1/16W 5% T 1608   | 1  | EA | B | SMD | R25                             |
| 05B-470-6Z | CHIP RESISTOR      | 47 1/16W 5% T 1608    | 10 | EA | B | SMD | R12.31.35.106.129.144.251.      |
|            |                    |                       |    |    |   |     | 277.31                          |
| 05B-471-7Z | CHIP RESISTOR      | 470 1/16W 5% T 1608   | 5  | EA | B | SMD | R53.58.99.190.194.338.406       |
| 05B-472-8Z | CHIP RESISTOR      | 4.7K 1/16W 5% T 1608  | 12 | EA | B | SMD | R63.175.196.197.201.213.        |
|            |                    |                       |    |    |   |     | 258.261.335.84                  |
| 05B-473-9Z | CHIP RESISTOR      | 47K 1/16W 5% T 1608   | 8  | EA | B | SMD | R172.198.199.203.272.293.       |
|            |                    |                       |    |    |   |     | 298.299.544.545.547.548         |
| 05B-474-0Z | CHIP RESISTOR      | 470K 1/16W 5% T 1608  | 1  | EA | B | SMD | R216                            |
| 05B-479-5Z | CHIP RESISTOR      | 4.7 1/16W 5% T 1608   | 2  | EA | B | SMD | R126                            |
| 05B-561-5Z | CHIP RESISTOR      | 560 1/16W 5% T 1608   | 3  | EA | B | SMD | R252.278.317                    |
| 05B-562-6Z | CHIP RESISTOR      | 5.6K 1/16W 5% T 1608  | 1  | EA | B | SMD | R122                            |
| 05B-563-7Z | CHIP RESISTOR      | 56K 1/16W 5% T 1608   | 1  | EA | B | SMD | R222                            |
| 05B-624-9Z | CHIP RESISTOR      | 620K 1/16W 5% T 1608  | 1  | EA | B | SMD | R211                            |
| 05B-681-0Z | CHIP RESISTOR      | 680 1/16W 5% T 1608   | 3  | EA | B | SMD | R40.334.341                     |
| 05B-682-1Z | CHIP RESISTOR      | 6.8K 1/16W 5% T 1608  | 1  | EA | B | SMD | R301                            |
| 05B-683-2Z | CHIP RESISTOR      | 68K 1/16W 5% T 1608   | 2  | EA | B | SMD | R259.295                        |
| 05B-684-3Z | CHIP RESISTOR      | 680K 1/16W 5% T 1608  | 1  | EA | B | SMD | R83                             |
| 05B-821-0Z | CHIP RESISTOR      | 820 1/16W 5% T 1608   |    | EA | B | SMD |                                 |
| 05B-823-2Z | CHIP RESISTOR      | 82K 1/16W 5% T 1608   | 1  | EA | B | SMD | R239                            |
| 05C-475-1Z | CHIP RESISTOR      | 47.5K 1/16W 1% T 1608 | 2  | EA | B | SMD | R306.307                        |
| 05J-473-0  | CHIP RESISTOR      | 47.5K 1/16W 1% T 2012 | 4  | EA | B | SMD | R207.209.268.270                |
| 05J-494-0  | CHIP RESISTOR      | 499K 1/16W 1% T 2012  | 2  | EA | B | SMD | R245.250                        |
| 05K-393-0  | CHIP RESISTOR      | 39 1/10W 5% T 3216    | 1  | EA | B | SMD | R124                            |
| 05K-513-0  | CHIP RESISTOR      | 51 1/10W 5% T 3216    | 3  | EA | B | SMD | R96.97.127                      |
| 059-100-7Z | CHIP RESISTOR      | 10 1/8W 5% T 3216     | 3  | EA | B | SMD | R121.122.168                    |
| 059-470-1Z | CHIP RESISTOR      | 47 1/8W 5% T 3216     | 1  | EA | B | SMD | R136                            |
| 06B-007-4  | TCXO CHIP RESISTOR | 3.32K 1/10W 1% T 2012 | 1  | EA | B | SMD | R237                            |
| 06B-011-3  | TCXO CHIP RESISTOR | 27.4K 1/10W 1% T 2012 | 1  | EA | B | SMD | R248                            |
| 06B-011-6  | TCXO CHIP RESISTOR | 33.2K 1/10W 1% T 2012 | 2  | EA | B | SMD | R225.226                        |
| 06B-012-3  | TCXO CHIP RESISTOR | 46.4K 1/10W 1% T 2012 | 1  | EA | B | SMD | R224                            |
| 06B-012-4  | TCXO CHIP RESISTOR | 48.7K 1/10W 1% T 2012 | 1  | EA | B | SMD | R206                            |
| 06B-012-6  | TCXO CHIP RESISTOR | 53.6K 1/10W 1% T 2012 | 1  | EA | B | SMD | R205                            |
| 06B-013-1  | TCXO CHIP RESISTOR | 68.1K 1/10W 1% T 2012 | 3  | EA | B | SMD | R242.243.244                    |
| 06B-013-5  | TCXO CHIP RESISTOR | 82.5K 1/10W 1% T 2012 | 1  | EA | B | SMD | R290                            |
| 06B-015-6  | TCXO CHIP RESISTOR | 226K 1/10W 1% T 2012  | 2  | EA | B | SMD | R249.285                        |
| 06B-015-9  | TCXO CHIP RESISTOR | 365K 1/10W 1% T 2012  | 1  | EA | B | SMD | R289                            |
| 06B-018-7  | TCXO CHIP RESISTOR | 332K 1/10W 1% T 2012  | 3  | EA | B | SMD | R286.287.288                    |
| 06B-123-7  | CHIP RESISTOR      | 12.4K 1/10W 1% T 2012 | 3  | EA | B | SMD | R233.236.263                    |
| 06B-134-6  | CHIP RESISTOR      | 130K 1/10W 1% T 2012  | 2  | EA | B | SMD | R232.264                        |
| 06B-883-0  | CHIP RESISTOR      | 88.7K 1/10W 1% T2012  | 2  | EA | B | SMD | R231.265                        |
| 060-100-5Z | CHIP RESISTOR      | 10 1/10W 5% T 2012    | 2  | EA | B | SMD | R120.132                        |
| 060-101-6Z | CHIP RESISTOR      | 100 1/10W 5% T 2012   | 1  | EA | B | SMD | R(L30)                          |
| 060-102-7Z | CHIP RESISTOR      | 1K 1/10W 5% T 2012    | 5  | EA | B | SMD | R98.133.134.135.235             |
| 060-152-2Z | CHIP RESISTOR      | 1.5K 1/10W 5% T 2012  | 2  | EA | B | SMD | R326.234                        |

|              |                 |                               |    |    |   |     |                                       |
|--------------|-----------------|-------------------------------|----|----|---|-----|---------------------------------------|
| 060-390-8Z   | CHIP RESISTOR   | 39 1/10W 5% T 2012            |    | EA | B | SMD |                                       |
| 060-430-???? | CHIP RESISTOR   | 43 1/10W 5% T 2012            | 2  | EA | B | SMD | R146.152                              |
| 060-681-3Z   | CHIP RESISTOR   | 680 1/10W 5% T 2012           | 2  | EA | B | SMD | R95.138                               |
| 097-152-6    | THERMISTOR CHIP | 1.5K NTCCM16083NH152GC        | 1  | EA | B | SMD | RT1                                   |
| 101-127-8    | CHIP ELECT CAP  | 10UF 16V 20% 4X4              | 2  | EA | B | SMD | C27.235                               |
| 101-128-9    | CHIP ELECT CAP  | 100UF 16V 20% 6.3X6.3         | 1  | EA | B | SMD | C243                                  |
| 101-129-0    | CHIP ELECT CAP  | 100UF 20V 20% 6.3X6.3         | 1  | EA | B | SMD | C304                                  |
| 101-130-0    | CHIP ELECT CAP  | 100UF 35V 20% 6.3X6.3         | 2  | EA | B | SMD | C307.311                              |
| 102-306-8    | CHIP ELECT CAP  | 220UF 16V 20% 6.3X6.3         | 1  | EA | B | SMD | C318                                  |
| 102-307-9    | CHIP ELECT CAP  | 220UF 35V 20% 8X8             | 1  | EA | B | SMD | C150                                  |
| 104-829-4    | CHIP ELECT CAP  | 47UF 10V 20% 5X5              | 1  | EA | B | SMD | C119                                  |
| 130-A13-2Y   | CHIP CERAMIC    | 0.0012UF GRM40 X7R122K 50V PT | 1  | EA | B | SMD | C285                                  |
| 130-A73-6Y   | CHIP CERAMIC    | 0.01UF GRM39 X7R103K 25V      | 31 | EA | B | SMD | C34.37.40.47.51.52.57.64              |
|              |                 |                               |    |    |   |     | .73.74.82.83.123. +                   |
|              |                 |                               |    |    |   |     | 125.127.136.211.250.254.260.          |
|              |                 |                               |    |    |   |     | 263.267.322.332.345.346.1169          |
| 130-A75-8Y   | CHIP CERAMIC    | 0.001UF GRM39 X7R102K 50V PT  | 38 | EA | B | SMD | C17.26.28.39.42.50.                   |
|              |                 |                               |    |    |   |     | 53.54.65.78.79.80.102.104.+           |
|              |                 |                               |    |    |   |     | 106.122.126.128.129.                  |
|              |                 |                               |    |    |   |     |                                       |
|              |                 |                               |    |    |   |     | 210.224.289.315.316                   |
| 130-B09-9Y   | CHIP CERAMIC    | 0.1UF GRM39 X7R104K 16V AT    | 33 | EA | B | SMD | C29.32.33.72.76.77.84.107.118.        |
|              |                 |                               |    |    |   |     | 120.196.199.200.217.222. +            |
|              |                 |                               |    |    |   |     | 229.230.233.240.244.245.246.          |
|              |                 |                               |    |    |   |     | 255.276.306.310.314.323.342.          |
|              |                 |                               |    |    |   |     | 359.360.282                           |
| 130-B27-5Y   | CHIP CERAMIC    | 0.001UF GRM39 COG102J 50V     | 7  | EA | B | SMD | C134.287.288.321.324.325.453          |
| 130-170-0Y   | CHIP CERAMIC    | 0.1UF GRM40 Y5V104Z 25V PT    | 15 | EA | B | SMD | C48.152.153.202.231.234.236.          |
|              |                 |                               |    |    |   |     | 237.238.239.241.242.444.445           |
| 130-172-2Y   | CHIP CERAMIC    | 0.01UF GRM40 X7R103K 50V PT   | 12 | EA | B | SMD | C86.103.151.157.179.182               |
|              |                 |                               |    |    |   |     | .198.203.221.225                      |
| 130-180-9Y   | CHIP CERAMIC    | 0.01UF GRM426X7R103K 50V PT   | 11 | EA | B | SMD | C273.275.279.291.292.294.295.         |
|              |                 |                               |    |    |   |     | 296.297.298.334                       |
| 130-239-0Y   | CHIP CERAMIC    | 0.0022UF GRM40 X7R222K 50V PT | 1  | EA | B | SMD | C290                                  |
| 130-249-9    | CHIP CERAMIC    | 0.0022UF GRM39 X7R222J 50V PT | 1  | EA | B | SMD | C333                                  |
| 130-261-9Y   | CHIP CERAMIC    | 0.022UF GRM39 X7R223K 50V PT  | 1  | EA | B | SMD | C326                                  |
| 130-290-5Y   | CHIP CERAMIC    | 0.22UF GRM40 X7R224K 16V      | 4  | EA | B | SMD | C223.320.329                          |
| 130-314-5Y   | CHIP CERAMIC    | 0.033UF GRM40 X7R333K 50V PT  |    | EA | B | SMD |                                       |
| 130-340-7Y   | CHIP CERAMIC    | 0.0033UF GRM39 X7R332K 50V PT | 2  | EA | B | SMD | C308.309                              |
| 130-351-7Y   | CHIP CERAMIC    | 0.0039UF GRM426X7R392K 50V PT | 1  | EA | B | SMD | C338                                  |
| 130-680-1Y   | CHIP CERAMIC    | 0.0068UF GRM3196C1E682JD01D   | 1  | EA | B | SMD | C277                                  |
| 131-020-1    | CHIP CERAMIC    | 10UF GRM31CF51E106ZA01        | 2  | EA | B | SMD | C317.336                              |
| 131-039-1Y   | CHIP CERAMIC    | 10PF GRM40 COG100C 50V PT     | 2  | EA | B | SMD | C1017.1021                            |
| 131-089-7Y   | CHIP CERAMIC    | 1UF GRM40 Y5V105Z 16V PT      | 7  | EA | B | SMD | C91.140.147.149.328.283.506           |
| 131-093-9Y   | CHIP CERAMIC    | 100PF GRM39 COG101J 50V PT    | 19 | EA | B | SMD | C49.58.94.95.96.115.312.32            |
|              |                 |                               |    |    |   |     | 7.337.341.347.348.349.350.351+        |
|              |                 |                               |    |    |   |     | .352.355.361.1001.1002.1023.1025.     |
|              |                 |                               |    |    |   |     | 1086.1098.1114.1116.1124.1135.1143.11 |
|              |                 |                               |    |    |   |     | 1178.1181.1197.1201.1206.1299.1300    |
| 131-094-0Y   | CHIP CERAMIC    | 100PF GRM40 R2H101J 50V PT    | 3  | EA | B | SMD | C156.183.369.446.447.454              |
|              | CHIP CERAMIC    | 11PF                          |    |    |   |     | C215.226                              |
| 131-240-5Y   | CHIP CERAMIC    | 12PF GRM39 COG120J 50V PT     | 2  | EA | B | SMD | C1132.1133                            |
| 131-241-6Y   | CHIP CERAMIC    | 120PF GRM39 COG121J 50V PT    | 2  | EA | B | SMD | C286.301                              |
| 131-511-0Y   | CHIP CERAMIC    | 15PF GRM40 COG150J 50V PT     | 1  | EA | B | SMD | C1194                                 |
| 131-559-4Y   | CHIP CERAMIC    | 1.5PF GRM40 COG1R5C 50V PT    |    | EA | B | SMD |                                       |
| 131-588-0Y   | CHIP CERAMIC    | 1.5PF GRM39 COG1R5B 50V       | 2  | EA | B | SMD | C91.109                               |
| 131-604-1Y   | CHIP CERAMIC    | 16PF GRM39 COG160J 50V PT     | 1  | EA | B | SMD | C45                                   |
| 131-815-5Z   | CHIP CERAMIC    | 180PF GRH111COG181J300V PT    | 2  | EA | B | SUB | C162.167                              |
| 131-816-6Y   | CHIP CERAMIC    | 18PF GRM40 COG180J 50V PT     | 2  | EA | B | SMD | C113                                  |
| 131-834-2Y   | CHIP CERAMIC    | 18PF GRM39 COG180J 50V PT     | 2  | EA | B | SMD | C68.69                                |
| 131-835-3Y   | CHIP CERAMIC    | 180PF GRM39 COG181J 50V PT    |    | EA | B | SMD |                                       |
| 132-012-1Y   | CHIP CERAMIC    | 20PF GRM40 COG200J 50V PT     | 2  | EA | B | SMD | C1176.1188                            |
| 132-024-2Y   | CHIP CERAMIC    | 2PF GRM39 COG020C 50V PT      |    | EA | B | SMD |                                       |
| 132-217-0Y   | CHIP CERAMIC    | 22PF GRM426COG220J200V PT     |    | EA | B | SMD | C                                     |



|            |                     |                            |    |    |   |     |                                      |
|------------|---------------------|----------------------------|----|----|---|-----|--------------------------------------|
| 132-220-2Y | CHIP CERAMIC        | 220PF GRM40 COG221J 50V PT |    | EA | B | SMD |                                      |
| 132-259-8Y | CHIP CERAMIC        | 22PF GRM39 COG220J 50V PT  |    | EA | B | SMD | C                                    |
| 132-260-8Y | CHIP CERAMIC        | 220PF GRM39 COG221J 50V PT | 5  | EA | B | SMD | C63.67.293.1026.1192                 |
| 132-292-7Y | CHIP CERAMIC        | 2.2UF GRM40 Y5V225Z 10V    | 3  | EA | B | SMD | C278.280.331                         |
| 132-410-7Y | CHIP CERAMIC        | 24PF GRM39 COG240J 50V PT  |    | EA | B | SMD |                                      |
| 132-710-8Y | CHIP CERAMIC        | 270PF GRM40 COG271J 50V PT | 1  | EA | B | SMD | C56                                  |
| 132-714-2Y | CHIP CERAMIC        | 27PF GRM40 COG270J 50V PT  | 1  | EA | B | SMD | C46                                  |
| 132-734-0Y | CHIP CERAMIC        | 27PF GRM39 COG270J 50V PT  | 2  | EA | B | SMD |                                      |
| 133-103-5Y | CHIP CERAMIC        | 30PF GRM39 COG300J 50V PT  | 2  | EA | B | SMD | C284.340.451                         |
|            | CHIP CERAMIC        | 3.3PF                      |    |    |   |     | C1196                                |
| 133-306-2Y | CHIP CERAMIC        | 33PF GRM40 COG330J 50V PT  |    | EA | B | SMD | C                                    |
| 133-339-2Y | CHIP CERAMIC        | 330PF GRM40 COG331J 50V PT | 5  | EA | B | SMD | C191.1195                            |
| 133-344-6Y | CHIP CERAMIC        | 330PF GRM426COG331J200V PT | 5  | EA | B | SMD | C154.155.194                         |
| 133-349-1Y | CHIP CERAMIC        | 33PF GRM39 COG330J 50V PT  | 3  | EA | B | SMD | C305.353.354                         |
| 133-350-1Y | CHIP CERAMIC        | 330PF GRM39 COG331J 50V PT | 2  | EA | B | SMD | C70.110                              |
| 133-611-7Y | CHIP CERAMIC        | 36PF GRM40 COG360J 50V PT  |    | EA | B | SMD |                                      |
| 133-932-7Y | CHIP CERAMIC        | 39PF GRM40 COG390J 50V PT  |    | EA | B | SMD | C                                    |
|            | CHIP CERAMIC        | 43PF                       |    |    |   |     | C2000                                |
| 134-701-2  | CHIP CERAMIC        | 4.7UF GRM21BF51A475ZA01    | 1  | EA | B | SMD | C281                                 |
|            | CHIP CERAMIC        | 4.7PF                      |    |    |   |     | C1088.1089.1093.1108.1113            |
| 134-722-1Y | CHIP CERAMIC        | 47PF GRM40 COG470J 50V PT  |    | EA | B | SMD |                                      |
| 134-757-1Y | CHIP CERAMIC        | 47PF GRM39 COG470J 50V PT  | 2  | EA | B | SMD | C41.44.174.1184.1185.1193.1198       |
| 134-772-4  | CHIP CERAMIC        | 470PF GRM39 COG471J 50V PT | 25 | EA | B | SMD | C248.249.251.253.256.257.258.        |
|            |                     |                            |    |    |   |     | 259.261.264.265.266.268.269. +       |
|            |                     |                            |    |    |   |     | 270.271.272.363.364.365.366.         |
|            |                     |                            |    |    |   |     | 339.448.449.450                      |
|            | CHIP CERAMIC        | 3.9PF                      |    |    |   |     | C1105                                |
|            | CHIP CERAMIC        | 4PF GRM40 COG060D 50V PT   | 1  | EA | B | SMD | C89                                  |
|            | CHIP CERAMIC        | 0.5PF                      |    |    |   |     | C219.227.1112                        |
|            | CHIP CERAMIC        | 56PF                       |    |    |   |     | C159.160                             |
|            | CHIP CERAMIC        | 62PF                       |    |    |   |     | C170                                 |
|            | CHIP CERAMIC        | 6.8PF                      |    |    |   |     | C1016.1019.1020.1024.1089.1130.1131. |
| 136-816-5Y | CHIP CERAMIC        | 68PF GRM40 COG680J 50V PT  | 4  | EA | B | SMD | C173                                 |
| 138-004-4Y | CHIP CERAMIC        | 8PF GRM40 COG080D 50V PT   | 1  | EA | B | SMD |                                      |
|            | CHIP CERAMIC        | 8.2PF                      |    |    |   |     | C1018.1022.1205.1214                 |
| 138-232-3Y | CHIP CERAMIC        | 82PF GRM39 COG820J 50V PT  | 1  | EA | B | SMD |                                      |
| 138-233-4  | CHIP CERAMIC        | 820PF GRM39 X7R821J 50V PT | 1  | EA | B | SMD | C300                                 |
|            | CHIP CERAMIC        | 9.1PF                      |    |    |   |     | C1209                                |
| 139-101-3  | CHIP CERAMIC        | 91PF GRM40 COG910J 50V PT  |    | EA | B | SMD |                                      |
| 140-114-3Y | CHIP TANTALUM       | 0.1UF TCM1V104ASSR 35V     |    | EA | B | SMD |                                      |
| 141-021-8  | CHIP TANTALUM       | 10UF ECST1CX106R 16V       | 3  | EA | B | SMD | C303.330                             |
| 141-033-9  | CHIP TANTALUM       | 10UF ECST0JY106R 6.3V      | 2  | EA | B | SMD | C302.356                             |
| 141-042-7  | CHIP TANTALUM       | 10UF ECST1AY106R 10V       | 5  | EA | B | SMD | C30.75.111.145                       |
| 141-060-3  | CHIP TANTALUM       | 1UF ECST1EY105R 25V        | 4  | EA | B | SMD | C161.232.299.55                      |
| 141-062-5  | CHIP TANTALUM       | 10UF ECST1EC106R 25V       | 1  | EA | B | SMD | C158                                 |
|            | CHIP TANTALUM       | 2.2UF ECS                  |    |    |   |     | C112                                 |
| 143-314-4  | CHIP TANTALUM       | 33UF ECST0JX336R 6.3V      | 5  | EA | B | SMD | C247.343.344.357.358                 |
| 143-317-6  | CHIP TANTALUM       | 3.3UF ECST1CY335R 16V      | 4  | EA | B | SMD | C31.121.274.313                      |
| 176-016-7  | CHIP TRIMMER        | 6PF TZV02Z060A100          | 2  | EA | B | SMD | CV1.2                                |
| 180-101-3  | FILM CHIP CAPACITOR | 0.1UF ECHU1H1041JB9        | 1  | EA | B | SMD | C335                                 |
|            | FILM CHIP CAPACITOR | .068UF                     |    |    |   |     | C109.113.114                         |
| 200-153-7  | TRANSISTOR          | BFR93A (SOT-23)            | 1  | EA | B | SMD | Q(VT19)                              |
| 200-169-2  | TR                  | 2SC3356-T1B(R25)(SOT-23)   | 2  | EA | B | SMD | Q(VT511.512)                         |
| 200-238-1  | TRANSISTOR          | DTC114EETL                 | 16 | EA | B | SMD | Q(VT1.3.10.16.18.28.37.40.48.        |
|            |                     |                            |    |    |   |     | 49.52.55.57.58.59.60)                |
| 200-241-3  | TRANSISTOR          | DTC144EETL                 | 5  | EA | B | SMD | Q(VT29.32.45.47.56)                  |
| 200-249-1  | TRANSISTOR          | UMW1N (UMT5)               | 2  | EA | B | SMD | Q(VT39.44)                           |
| 200-255-6  | TRANSISTOR          | 2SA1586GR                  | 1  | EA | B | SMD | Q(VT14)                              |
| 200-256-7  | TRANSISTOR          | 2SC4116GR                  | 12 | EA | B | SMD | Q(VT6.20.21.30.31.34.35.36.38.       |
|            |                     |                            |    |    |   |     | 43.46.50)                            |
| 200-260-0  | FET                 | 2SK508-T1B K52             | 1  | EA | B | SMD | Q(VT7)                               |
| 200-313-5  | TRANSISTOR          | BFT93                      | 1  | EA | B | SMD | Q(VT4)                               |
| 200-314-6  | TRANSISTOR          | BCW32                      | 3  | EA | B | SMD | Q(VT25.26.27)                        |
| 200-315-7  | TR RF AMP           | MMBF5484(SOT-23)           | 2  | EA | B | SMD | Q(VT51.54)                           |

|            |                      |                               |    |    |   |     |                                     |
|------------|----------------------|-------------------------------|----|----|---|-----|-------------------------------------|
| 200-318-0  | FET MOS              | ZXM62P02E6                    | 2  | EA | B | SMD | Q(VT41.42)                          |
| 200-319-1  | FET                  | ZXMP4A16G                     | 2  | EA | B | SMD | Q(VT33.61)                          |
| 200-322-3  | TR POWER RF          | PD55003                       | 1  | EA | B | SMD | Q(VT23)                             |
| 200-324-5  | TRANSISTOR           | BFQ17                         |    | EA | B | SMD | )                                   |
| 200-325-6  | TRANSISTOR PNP       | BCW30                         |    | EA | B | SMD | )                                   |
| 200-326-7  | TRANSISTOR           | MMBFU310LT1                   | 1  | EA | B | SMD | Q(VT5)                              |
|            | TR RF AMP            | BFG135                        | 1  |    |   |     | Q(VT24)                             |
| 220-378-0  | I.C REGULATOR        | KIA78L05F                     | 2  | EA | B | SMD | IC(DA4.8)                           |
| 220-520-1  | I.C IF DETECT        | TA31136FN                     | 1  | EA | B | SMD | IC(DA2)                             |
| 221-542-6  | I.C DUAL OP AMP      | NJM2904V-TE1/2(SSOP8)         | 5  | EA | B | SMD | IC(DA1.11.12.13.19)                 |
| 221-546-0  | I.C OP AMP           | NJM324V-TE1/2(SSOP14)         | 4  | EA | B | SMD | IC(DA9.15.17.18)                    |
| 221-555-8  | I.C PLL              | MB15A02PFV1 (FPT-16P-M05)     | 1  | EA | B | SMD | IC(DA3)                             |
| 221-800-9  | I.C HEX INVERTER     | MM74HCT04                     | 1  | EA | B | SMD | IC(DD4)                             |
| 221-802-1  | I.C LDO REGULATOR    | TPS77133                      | 1  | EA | B | SMD | IC(DA20)                            |
| 221-833-9  | I.C CMOS             | ADG719BRM                     | 3  | EA | B | SMD | IC(DD1.2.6)                         |
| 221-834-0  | I.C RF AMP           | SGA-4586                      | 1  | EA | B | SMD | IC(DA5.22)                          |
| 221-835-1  | I.C                  | AD5200BRM-10                  | 1  | EA | B | SMD | IC(DA16)                            |
| 221-836-2  | I.C EEPROM           | 24LC256D(SO-8)                | 1  | EA | B | SMD | IC(DD3)                             |
| 221-838-4  | I.C A/D CONVERTER    | TLV5620ID                     | 1  | EA | B | SMD | IC(DA10)                            |
| 221-846-1  | I.C OP AMP           | NJM324M                       | 1  | EA | B | SMD | IC(DA6)                             |
|            |                      |                               |    |    |   |     |                                     |
| 221-847-2  | I.C MICRO CONTROLLER | MSP430F149IPM                 | 1  | EA | B | SMD | IC(DD5)                             |
| 221-855-9  | MIXER MODULE         | LREMS-1A-13                   | 1  | EA | B | SMD | IC(A1)                              |
| 241-099-9  | DIODE ZENER          | BZX84C-5V1 5.1V 0.3W          | 4  | EA | B | SMD | D(VD23.25.32.49)                    |
| 241-100-6  | DIODE ZENER          | BZX84-C4V7 4.7V 0.3W (SOT-23) |    | EA | B | SMD |                                     |
| 241-268-5  | DIODE ZENER          | BZX84-C5V6                    | 4  | EA | B | SMD | D(VD28.31.36.38)                    |
| 241-269-6  | DIODE ZENER          | BZX84-C10                     | 4  | EA | B | SMD | D(VD42.45.46.47)                    |
| 241-270-6  | DIODE ZENER          | BZX84-C30                     | 8  | EA | B | SMD | D(VD27.30.33.34.35.39.40.41)        |
| 242-031-2  | DIODE VARICAP        | 1SV239(TPH3)                  | 1  | EA | B | SMD | D(VD15)                             |
|            | DIODE VARICAP        | 1SV270                        | 16 |    |   |     | D(VD1006.1006A.1009.1009A.1024.1025 |
|            |                      |                               |    |    |   |     | 1026.1027.1028.1029.1030.1031.      |
|            |                      |                               |    |    |   |     | 1111.1112.1113.1114                 |
|            |                      |                               |    |    |   |     |                                     |
| 243-089-0  | DIODE SWITCHING CHIP | 1SS355 TE-17                  | 7  | EA | B | SMD | D(VD8.11.29.43.44.48.52)            |
| 243-099-9  | DIODE PIN CHIP       | MA4P1250                      | 2  | EA | B | SMD | D(VD21.22)                          |
| 243-154-5  | DIODE SWITCHING      | 1SS356 TW11 (UMD2)            | 3  | EA | B | SMD | D(VD1.16.17)                        |
| 243-156-7  | DIODE PIN            | HVU131TRF                     | 1  | EA | B | SMD | D(VD51)                             |
| 243-184-2  | DIODE SCHOTTKY       | STP3045CG(D2PAK)              | 1  | EA | B | SMD | D(VD37)                             |
| 243-187-5  | DIODE SCHOTTKY       | BAT62-03W                     | 3  | EA | B | SMD | D(VD24.26.50)                       |
| 247-008-7  | DIODE DUAL CHIP      | BAV99                         |    | EA | B | SMD |                                     |
|            |                      |                               |    |    |   |     |                                     |
| 270-336-7  | DISCRIMINATOR CERAM. | CDS455C24                     | 1  | EA | B | SUB | X(CD1)                              |
| 311-797-8  | COIL CHIP            | 39NH LQN21A39NJ04             | 2  | EA | B | SMD |                                     |
| 312-053-4Z | COIL SPRING          |                               |    | EA | B | SMD |                                     |
| 312-287-9  | COIL INDUCTOR CHIP   | 470NH LL2012-FHR47K           | 2  | EA | B | SMD | L25                                 |
|            |                      |                               |    |    |   |     |                                     |
| 312-295-6  | COIL WIREWOUND CHIP  | 33NH 0805C-33NJ               |    | EA | B | SMD |                                     |
|            |                      |                               |    |    |   |     |                                     |
| 312-296-7  | COIL WIREWOUND CHIP  | 47NH 0805C-47NJ               | 1  | EA | B | SMD | L15                                 |
|            | COIL WIREWOUND       | 0.1UH 0805C-R10J              | 4  | EA |   |     | L1020.1024.1030.1145                |
|            |                      |                               |    |    |   |     |                                     |
| 312-297-8  | COIL WIREWOUND CHIP  | 0.1UH 0805C-R10G              | 1  | EA | B | SMD | L1001                               |
|            |                      |                               |    |    |   |     |                                     |
| 312-298-9  | COIL WIREWOUND CHIP  | 0.22UH 0805C-R22J             | 1  | EA | B | SMD | L26                                 |
|            |                      |                               |    |    |   |     |                                     |
| 312-299-0  | COIL WIREWOUND CHIP  | 0.47UH 0805C-R47J             | 5  | EA | B | SMD | L12.13.1018.1019.1021               |
|            |                      |                               |    |    |   |     |                                     |
| 312-300-7  | COIL WIREWOUND CHIP  | 0.82UH 0805C-R82J             | 3  | EA | B | SMD | L17.23                              |
|            |                      | 10nH                          | 1  | EA |   |     | L1122                               |
|            |                      | 12nH                          | 3  | EA |   |     | L1042.1119.1140                     |
|            |                      |                               |    |    |   |     |                                     |
| 312-301-8  | COIL WIREWOUND CHIP  | 15NH 1008C-15NJ               |    | EA | B | SMD |                                     |
|            | COIL WIREWOUND       | 22NH 1008C-22NJ               | 7  | EA |   |     | L1027.1028.1029.1039.1040.1041.1044 |

|           |                     |                             |                |    |    |     |                       |
|-----------|---------------------|-----------------------------|----------------|----|----|-----|-----------------------|
| 312-302-9 | COIL WIREWOUND CHIP | 33NH    1008C-33NJ          |                | EA | B  | SMD |                       |
|           |                     | 5.6nH                       | 1              | EA |    |     | L1141                 |
|           |                     | 6.8nH                       | 1              | EA |    |     | L1043                 |
|           | COIL WIREWOUND CHIP | 0.18UH    1008C-R18J        | 1              | EA |    | SMD | L59                   |
| 312-304-1 | COIL CHIP           | 4.7UH    LQM21NN4R7K10D     | 2              | EA | B  | SMD |                       |
| 312-306-3 | COIL CHIP           | 2.2UH    LQM21NN2R2K10D     | 3              | EA | B  | SMD | L10.11.16             |
| 312-307-4 | COIL WIREWOUND CHIP | 18NH    0805C-18NJ          |                | EA | B  | SMD |                       |
| 321-212-9 | CORE FERRITE BEADS  | BLM31PG121SN1               | 6              | EA | B  | SMD | L50.51.52.53.54.55    |
| 321-214-1 | COIL SMD BEADS      | BDS3/3/8.9-4S2              | 7              | EA | B  | SMD | L31.32.33.34.56.57.58 |
| 4A6-137-A | P.C.B ASS'Y         | 211   X159   X1.6 FR4 1/1   | 1              | EA | B  | SMD |                       |
| 406-867-A | P.C.B FRONT         | 108   X46   X1.6 FR4 1/1    | 1              | EA | B  | SMD |                       |
| 416-153-A | P.C.B MAIN          | 163   X137   X1.6 FR4 1/1   | 1              | EA | B  | SMD |                       |
| 421-726-8 | CONN. SMD FEMALE    | 2MM(2X3) MMS-103-02-L-DV-TR | 1              | EA | B  | SMD | XP3                   |
| 480-070-1 | POT. CHIP TRIMMER   | MVR34 HXBR N472             | 3              | EA | B  | SMD | RV(RP5.6.7)           |
| 480-071-2 | POT. CHIP TRIMMER   | MVR34 HXBR N103             | 4              | EA | B  | SMD | RV(RP1.2.3.4)         |
| -----     | -----               | -----                       | ----           | -- | -- | --- | -----                 |
|           |                     | *                           | TOTAL RECORD = |    |    |     | 354                   |
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