

: FINAL		PARTS LIST					
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: UNDEFINED							
: 7760	HM-435 UHF MOBILE LMR	list made from HM135 and uhf schematic				(
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PART-NO.	NAME & DESCRIPTION		Q'TY	UT	G	KON	REFERENCE-NO
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577-60C-A	COVER ASS'Y		1	EA	A		
Nr 33 in DWG	(+)MACHINE SCREW(BH) (Main PCB fix)	M3x6 ZN-PLAT (+) MA	13	EA	B	SUB	
Nr 34 in DWG	(+)MACHINE SCREW(BH) (Power amp & 7808)	M3X8 (+)BH NI	3	EA	B	SUB	
Nr 39 in DWG	(+)MACHINE SCREW(BH) (Audio Amp)	M3X6 (+)BH NI	1				
Nr 36 in DWG	WASHER SPRING (Power amp & 7808)	Washer Spring 3.0mm Zn	3				
Nr 14 in DWG	(+)MACHINE SCREW(BH) (ESC + Main)	M3X8 (+)PH BLK	4	EA	B	SUB	
Nr 37 in DWG	(+)MACHINE SCREW(BH) (UHF Connector)	M3X12 ZN-PLAT	2	EA	B	SUB	
Nr 36 in DWG	(+)MACHINE SCREW(PH) (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/O 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% T 1608	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 ECHU1H104JB9	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

