DEVELOPMENT : FINAL
DESIGN : FINAL
TECHNIQUE : FINAL
S/W VERSION : UNDEFINED
MODEL CODE : 7760 HM-135 VHF MOBILE LMR

P A R T S L I S T
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RIR610B
R ev.: 033

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SEQ	LEVEL	PART-NO.	NAME & DESCRIPTION		Q'TY	UT	G	KON	REFERENCE-NO	ECO-DATE		ECO-NO.
1	2	577-60C-A	COVER ASS'Y		1	EA	A			7/3/2015	A	CT03-PAT
	3	Nr 33 in DWG	(+)MACHINE SCREW(BH) (Main PCB fix)	M3x6 ZN-PLAT (+) MA	13	EA	B	SUB		12/3/2008	A	CT03-1289
	3	Nr 34 in DWG	(+)MACHINE SCREW(BH) (Power amp & 7808)	M3X8 (+)BH NI	3	EA	B	SUB		12/3/2008	A	CT03-1289
		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							
	3	Nr 14 in DWG	(+)MACHINE SCREW(BH) (ESC + Main)	M3X8 (+)PH BLK	4	EA	B	SUB		12/3/2008	A	CT03-1289
	3	Nr 37 in DWG	(+)MACHINE SCREW(BH) (UHF Connector)	M3X12 ZN-PLAT	2	EA	B	SUB		12/3/2008	A	CT03-1289
	3	Nr 36 in DWG	(+)MACHINE SCREW(PH) (UHF Connector)	M3X5 (+)PH BLK	2	EA	B	SUB		12/3/2008	A	CT03-1289
	3	Nr 32 in DWG	(+)MACHINE SCREW(BH)	4X10 BLK (+)PH MA	4	EA	B	SUB		1/4/2014	C	CT04-0041
	3	651-024	NUT	SS41 M3-1S ZN-PLAT	2	EA	B	SUB		12/3/2008	A	CT03-1289
	3	702-491	BODY MAIN	ALDC12	1	EA	B	SUB		7/3/2015	A	CT03-PAT
	3	71A-256	COVER MAIN	ALDC12	1	EA	B	SUB		7/3/2015	A	CT03-PAT
	3	772-651	SHIELD UHF	TIN 0.3	1	EA	B	SUB		8/3/2001	A	CT03-PAT
	3	772-652	SHIELD VCO	TIN 0.3	1	EA	B	SUB		8/3/2001	A	CT03-PAT
	3	772-670-A	SHIELD CAN	STPE T0.15	1	EA	B	SUB		12/3/2015	A	CT03-1330
	3	896-252	GASKET BODY	CONDUCTIVE RUBBER	1	EA	B	SUB		8/3/2001	A	CT03-PAT
	3	896-253	GASKET CABLE	CONDUCTIVE RUBBER	1	EA	B	SUB		8/3/2001	A	CT03-PAT
	3	896-254	GASKET DB25	CONDUCTIVE RUBBER	1	EA	B	SUB		8/3/2001	A	CT03-PAT
	3	896-256	GASKET UHF	CONDUCTIVE RUBBER	1	EA	B	SUB		8/3/2001	A	CT03-PAT
	3	896-325	GASKET DB9	SILICONE RUBBER BLK	1	EA	B	SUB		12/3/2017	A	CT03-1332
		896-044	SPONGE (display module)									
2	2	577-60E-A	ESCUTCHEON ASS'Y		1	EA	A			7/3/2015	A	CT03-PAT
	3	Nr 11 and 25 in DW	PT (+)TAPPING SCREW(PH) (PCB and Speaker)	2.5X6	6	EA	B	SUB		12/3/2008	A	CT03-1289
	3	Nr 15 in DWG	PT (+)TAPPING SCREW(PH)	2.5X10	7	EA	B	SUB		12/3/2008	A	CT03-1289
	3	71A-257	HOUSING FRONT	ALDC12	1	EA	B	SUB		7/3/2015	A	CT03-PAT
	3	796-017	OVERLAY	PC TEXTURE T0.5	1	EA	B	SUB		12/3/2015	A	CT03-1331
	3	796-018	PLATE ALAN	PC TEXTURE T0.5	1	EA	B	SUB		12/3/2015	A	CT03-1331
	3	801-817	E.S.C	PC	1	EA	B	SUB		7/3/2015	A	CT03-PAT
	3	814-519	WINDOW	ACRYL	1	EA	B	SUB		7/3/2022	A	CT03-PAT
	3	819-001	ILLUMINATOR	ACRYL	1	EA	B	SUB		7/3/2015	A	CT03-PAT
	3	826-612	KNOB	SILICONE RUBBER BLK	1	EA	B	SUB		7/3/2022	A	CT03-PAT
	3	896-216	KEY PAD	SILICONE RUBBER	1	EA	B	SUB		7/3/2015	A	CT03-PAT
	3	896-255	GASKET FRONT	CONDUCTIVE RUBBER	1	EA	B	SUB		8/3/2001	A	CT03-PAT
	3	896-326	GASKET SPEAKER	SILICONE RUBBER BLK	1	EA	B	SUB		12/3/2017	A	CT03-1332
3	2	577-60H-MA	HEAD MANUAL ASS'Y		1	EA	A			5/3/2027	A	CT03-PAT
	3	251-327-8	LED DUAL LAMP	SPR-39MVW	1	EA	B	SUB	DA800	6/3/1930	A	CT03-KATHI
	3	252-310-7	LCD MODULE	PS12032LRS-DAN-K01	1	EA	B	SUB		9/3/2003	C	AT03-PAT
	3	270-359-8Z	CERAMIC RESONATOR	ZTT-8.00MT(8MHZ)	1	EA	B	SUB	X800	9/3/2027	C	CT03-1006
	3	420-132-6	SPEAKER	FB-064-A3123 4 OHM NOM 4.0W	1	EA	B	SUB		6/3/2019	A	CT03-KATHI
	3	420-863-3	JACK MODULAR	8949-F66/15	1	EA	B	SUB	XT901	6/3/1930	A	CT03-KATHI
	3		CONN. DB9 STRIGHT	ZDEE9S-OL2-146	1	EA	B	SUB	XT802	11/3/2008	C	CT03-1180
	3	436-057-5	SW TACT	SKQYAB	7	EA	B	SUB	SB1.2.3.4.5.6.7	6/3/2020	C	CT03-KATHI
4	2	577-60H-PB	HAED POT. METER B'D		1	EA	A			5/3/2027	A	CT03-PAT
	3	05B-103-5Z	CHIP RESISTOR	10K 1/16W 5% T 1608	2	EA	B	SMD	R901.902	6/3/2019	A	CT03-KATHI
	3	132-260-8Y	CHIP CERAMIC	220PF GRM39 COG221J 50V PT	7	EA	B	SMD	C901.902.903.904.905.906.907	6/3/2019	A	CT03-KATHI
	3	421-405-4	CONNECTOR FPC	8X1MM SMD TOP CONTACT(487951)	1	EA	B	SUB	XT902	12/3/2024	C	AT03-PAT
	3	450-459-2	VR	10KA:PK093VS-1 15SK A10K	1	EA	B	SUB	RP901	1/4/2005	C	CT04-0007
5	2	577-60H-SA	HEAD SMD ASS'Y		1	EA	A			5/3/2027	A	CT03-PAT
	3	05B-101-3Z	CHIP RESISTOR	100 1/16W 5% T 1608	4	EA	B	SMD	R814.827.832.836	6/3/2019	A	CT03-KATHI
	3	05B-102-4Z	CHIP RESISTOR	1K 1/16W 5% T 1608	4	EA	B	SMD	R822.829.830.861	12/3/2012	C	CT03-1307
	3	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	12/3/2012	C	CT03-1307
	3	05B-153-0Z	CHIP RESISTOR	15K 1/16W 5% T 1608	9	EA	B	SMD	R834.835.837.838.839.841.843. 845.848	6/3/2019	A	CT03-KATHI

	3	05B-154-1Z	CHIP RESISTOR	150K 1/16W 5% T 1608	1	EA	B	SMD	R808		12/3/2012	C	CT03-1307
	3	05B-222-9Z	CHIP RESISTOR	2.2K 1/16W 5% T 1608	3	EA	B	SMD	R819.820.862		6/3/2019	A	CT03-KATHI
	3	05B-223-0Z	CHIP RESISTOR	22K 1/16W 5% T 1608	4	EA	B	SMD	R823.825.864.866		12/3/2012	C	CT03-1307
	3	05B-272-4Z	CHIP RESISTOR	2.7K 1/16W 5% T 1608	2	EA	B	SMD	R811.812		6/3/2019	A	CT03-KATHI
	3	05B-472-8Z	CHIP RESISTOR	4.7K 1/16W 5% T 1608	1	EA	B	SMD	R815		6/3/2019	A	CT03-KATHI
	3	05B-473-9Z	CHIP RESISTOR	47K 1/16W 5% T 1608	3	EA	B	SMD	R847.859.863		1/4/2015	C	CT04-0050
	3	06J-101-6	CHIP RESISTOR	100 1/ 4W 5% T 3216	4	EA	B	SMD	R800.803.846.849		7/3/2001	C	CT03-KATHI
	3	060-202-4Z	CHIP RESISTOR	2K 1/10W 5% T 2012	1	EA	B	SMD	R826		6/3/2019	A	CT03-KATHI
	3	060-221-1Z	CHIP RESISTOR	220 1/10W 5% T 2012	2	EA	B	SMD	R804.809		6/3/2019	A	CT03-KATHI
	3	130-A75-8Y	CHIP CERAMIC	0.001UF GRM39 X7R102K 50V PT	5	EA	B	SMD	C802.803.804.806.808.825		6/3/2019	A	CT03-KATHI
	3	130-B09-9Y	CHIP CERAMIC	0.1UF GRM39 X7R104K 16V AT	8	EA	B	SMD	C811.812.813.816.817.820.822.	824	6/3/2019	A	CT03-KATHI
	3	130-290-5Y	CHIP CERAMIC	0.22UF GRM40 X7R224K 16V	1	EA	B	SMD	C801		6/3/2019	A	CT03-KATHI
	3	131-089-7Y	CHIP CERAMIC	1UF GRM40 Y5V105Z 16V PT	3	EA	B	SMD	C805.821.823		6/3/2019	A	CT03-KATHI
	3	131-093-9Y	CHIP CERAMIC	100PF GRM39 COG101J 50V PT	3	EA	B	SMD	C800.807.818		6/3/2019	A	CT03-KATHI
	3	141-021-8	CHIP TANTALUM	10UF ECST1CX106R 16V	2	EA	B	SMD	C814.819		6/3/1930	A	CT03-KATHI
	3	141-512-4	CHIP TANTALUM	15UF ECST1CX156R 16V	1	EA	B	SMD	C810		6/3/1930	A	CT03-KATHI
	3	143-314-4	CHIP TANTALUM	33UF ECST0JX336R 6.3V	1	EA	B	SMD	C815		6/3/1930	A	CT03-KATHI
	3	143-317-6	CHIP TANTALUM	3.3UF ECST1CY335R 16V	1	EA	B	SMD	C809		6/3/1930	A	CT03-KATHI
	3	200-238-1	TRANSISTOR	DTC114EETL	6	EA	B	SMD	Q(VT805.807.808.809.810.811)		6/3/2019	A	CT03-KATHI
	3	200-241-3	TRANSISTOR	DTC144EETL	1	EA	B	SMD	Q(VT806)		6/3/2019	A	CT03-KATHI
	3	200-249-1	TRANSISTOR	UMW1N (UMT5)	1	EA	B	SMD	Q(VT803)		6/3/2019	A	CT03-KATHI
	3	200-255-6	TRANSISTOR	2SA1586GR	1	EA	B	SMD	Q(VT813)		6/3/2019	A	CT03-KATHI
	3	200-256-7	TRANSISTOR	2SC4116GR	4	EA	B	SMD	Q(VT802.812.814.815)		6/3/2019	A	CT03-KATHI
	3	200-315-7	TR RF AMP	MMBF5484(SOT-23)	1	EA	B	SMD	Q(VT804)		6/3/2019	A	CT03-KATHI
	3	200-325-6	TRANSISTOR PNP	BCW30	3	EA	B	SMD	Q(VT800.801.816)		6/3/2020	A	CT03-KATHI
	3	220-378-0	I.C REGULATOR	KIA78L05F	1	EA	B	SMD	IC(DA802)		6/3/2019	A	CT03-KATHI
	3	221-542-6	I.C DUAL OP AMP	NJM2904V-TE1/2(SSOP8)	2	EA	B	SMD	IC(DA801.804)		6/3/2019	A	CT03-KATHI
	3	221-802-1	I.C LDO REGULATOR	TPS77133	1	EA	B	SMD	IC(DA803)		6/3/2019	A	CT03-KATHI
			I.C Double inverter	NC7WZ14P6X	1	EA	B	SMD	IC(DD802				
	3	221-871-3	I.C MICRO CONTROLLER	MSP430F147IPM	1	EA	B	SMD	IC(DD800)		10/3/2014	C	CT03-1085
	3	241-269-6	DIODE ZENER	BZX84-C10	1	EA	B	SMD	D(VD807)		6/3/2019	A	CT03-KATHI
	3	243-089-0	DIODE SWITCHING CHIP	1SS355 TE-17	4	EA	B	SMD	D(VD806.808.809.810)		6/3/2019	A	CT03-KATHI
	3	251-300-3	LED CHIP	SML-010MT T86N GRN	6	EA	B	SUB	D(VD800.801.802.803.804.805)		12/3/2027	C	AT03-PAT
	3	321-212-9	CORE FERRITE BEADS	BLM31PG121SN1	1	EA	B	SMD	L800		8/3/2027	A	CT03-0889
	3	421-405-4	CONNECTOR FPC	8X1MM SMD TOP CONTACT(487951)	1	EA	B	SMD	XT801		9/3/2013	C	AT03-PAT
	3	421-726-8	CONN. SMD FEMALE	2MM(2X3) MMS-103-02-L-DV-TR	1	EA	B	SMD	XP801		9/3/2013	C	AT03-PAT
	3	423-864-9	CABLE FLATE	E129545 AWM2896 BOC VW1	1	EA	B	SUB			6/3/1930	A	CT03-KATHI
	3	480-070-1	POT. CHIP TRIMMER	MVR34 HXBR N472	1	EA	B	SMD	RV(RP800)		6/3/2019	A	CT03-KATHI
6	2	577-60M-A	MIC ASS'Y		1	EA	A				5/3/2019	A	CT03-PAT
7	2	577-60M-BMA	MAIN B'D MAN. ASSY A		1	EA	A				5/3/2026	A	CT03-PAT
	3	002-301-2Z	FILM RESISTOR	300 1/ 8W 5% ST	1	EA	B	SUB	R(RFB1)		6/3/2020	A	CT03-KATHI
	3	130-350-6Y	CHIP CERAMIC	0.039UF GRM39 Y5V393Z 50V PT	1	EA	B	SUB	CADD1		12/3/2012	A	CT03-1307
	3	131-158-5Y	DISK CERAMIC	10PF 5AQ10OJAAAA 500V	3	EA	B	SUB	C177.204.220		7/3/2028	C	CT03-0799
	3	131-159-6Y	DISK CERAMIC	100PF 5GQ101JADAA 200V	2	EA	B	SUB	C162.167		7/3/2028	C	CT03-0799
	3	131-262-5Y	DISK CERAMIC	12PF 5AQ12OJAAAA 500V	7	EA	B	SUB	C161.205.208.209.213.214.433		7/3/2028	C	CT03-0799
	3	132-A05-5Y	DISK CERAMIC	22PF 5AQ22OJABAA 500V	1	EA	B	SUB	C190		7/3/2028	C	CT03-0799
	3	133-378-7Y	DISK CERAMIC	33PF 5AQ33OJACAA 500V	2	EA	B	SUB	C159.160		7/3/2028	C	CT03-0799
	3	134-757-1Y	CHIP CERAMIC	47PF GRM39 COG470J 50V PT	1	EA	B	SUB	CADD2		12/3/2012	A	CT03-1307
	3	134-793-3Y	DISK CERAMIC	47PF 5GQ47OJACAA 500V	2	EA	B	SUB	C163.164		7/3/2028	C	CT03-0799
	3	135-658-0Y	DISK CERAMIC	5.6PF 5AQ5R6CAAAA 500V	1	EA	B	SUB	C207		7/3/2028	C	CT03-0799
	3	136-805-1Z	DISK CERAMIC	68PF DD360CH 680K 50V	2	EA	B	SUB	CADD3.4		12/3/2012	A	CT03-1307
	3	136-867-7Y	DISK CERAMIC	6.8PF 5AQ6R8CAAAA 500V	**2**	EA	B	SUB	C212.CADD5		7/3/2028	C	CT03-0799
	3	200-320-1	TR POWER RF	MRF1535T1	1	EA	B	SUB	Q(VT22)		8/3/2025	C	AT03-PAT
	3	221-626-9	I.C RADIO POWER AMP	TDA1519B	1	EA	B	SUB	IC(DA14)		8/3/2025	C	AT03-PAT
	3	222-013-0	I.C	KIA7808P	1	EA	B	SUB	IC(DA7)		8/3/2025	C	AT03-PAT
	3	263-469-6	CRYSTAL(UM-6S)	44.645M -30 15PM 13.8P	1	EA	B	SUB	X1		9/3/2003	C	AT03-PAT
	3	263-477-3	CRYSTAL	8MHZ -20 30PM 15PF C1-301	1	EA	B	SUB	X3		9/3/2003	C	AT03-PAT
	3	263-483-8	CRYSTAL	12.8M -30 15PM 20P	1	EA	B	SUB	X2		6/3/2028	A	CT03-KATHI
	3	270-342-2Y	FILTER CERAMIC	LTM455HW	1	EA	B	SUB	CF2		6/3/2019	A	CT03-KATHI
	3	270-343-3Y	FILTER CERAMIC	LTM455FW	1	EA	B	SUB	CF1		6/3/2019	A	CT03-KATHI
	3	271-203-5	FILTER CRYSTAL	45N12B5 (45.1MHZ)	2	EA	B	SUB	XF1A.1B		6/3/2019	A	CT03-KATHI
	3	310-923-0	COIL SPRING	0.5X1.5X2T:L	1	EA	B	SUB	L39		1/4/2015	C	CT04-0050
	3	312-018-3	COIL AIR WOUND	LE-017 2.5D 4T 0.5	1	EA	B	SUB	L38		12/3/2012	C	CT03-1307

		3	312-019-4	COIL AIR WOUND	LE-019 2.5D 5T 0.5	1	EA	B	SUB	L37		12/3/2022	A	CT03-1350
		3	312-310-6	COIL SPRING	1.1X4.1X3T:L	1	EA	B	SUB	L46		9/3/2002	A	CT03-0908
		3	312-311-7	COIL SPRING	1.1X4.5X4T:L	5	EA	B	SUB	L35.44.47.48.49		9/3/2002	A	CT03-0908
		3	312-312-8	COIL SPRING	1.1X5.0X2T:L	1	EA	B	SUB	L36		9/3/2002	A	CT03-0908
		3	321-213-0	DORE FERRITE TOROIDS	TC6/4/2-4C65	1	EA	B	SUB			9/3/2003	C	AT03-PAT
		3	421-405-3	CONNECTOR	DGC 09MM 4A	1	EA	B	SUB			6/3/1930	A	CT03-KATHI
		3	421-727-9Z	CONN. DE9 FEMALE	GDMR-9S	1	EA	B	SUB	XT2		11/3/2008	C	CT03-1177
		3	421-728-0	CONN. DB25 FEMALE	DB25S-1A7N-A197	1	EA	B	SUB	XT1		6/3/1930	A	CT03-KATHI
		3	421-729-1	CONNECTOR FEMALE	2.54MM BCS-103-L-D-TE	1	EA	B	SUB	XP2		6/3/1930	A	CT03-KATHI
		3	421-729-1A	CONNECTOR FEMALE	2.54MM BCS-108-L-D-TE	1	EA	B	SUB	XP1		7/3/2023	C	CT03-0788
		3	422-907-0	CONNECTOR ANT	SO-239 "M" TYPE SW-1222	1	EA	B	SUB			8/3/2028	A	CT03-0897
		3	427-241-6	COAXIAL CABLE	178U W/0 COVER	0.03	ME	B	SUB	W1		6/3/1930	C	CT03-KATHI
		3	504-367	2P PLUG ASS'Y	2P	1	EA	S	SUB			12/3/2017	A	CT03-1332
		4	422-620-0	CONNECTOR	174197-1	1	EA	B	SUB			88/01/22	A	ASDHLEE
		4	422-851-2	TERMINAL	170340-1	2	EA	B	SUB			88/01/22	A	ASDHLEE
		4	427-198-1	WIRE	1015 AWG 14(41/0.26) BLK	0.265	ME	B	SUB			96/08/08	A	B96-0808
		4	427-199-2	WIRE	1015 AWG 14(41/0.26) RED	0.265	ME	B	SUB			96/08/08	A	B96-0808
8	2		577-60M-BSA	MAIN B'D SMD ASS'Y A		1	EA	A				5/3/2026	A	CT03-PAT
		3	05A-103-5Z	CHIP RESISTOR	10K 1/ 8W 5% T 3216	1	EA	B	SMD	R157		6/3/2019	A	CT03-PAT
		3	05B-000-5Z	CHIP RESISTOR	0 1/16W 5% T 1608	**3**	EA	B	SMD	R92.411.412		12/3/2012	A	CT03-1307
		3	05B-100-2Z	CHIP RESISTOR	10 1/16W 5% T 1608	**22**	EA	B	SMD	R16.17.20.21.60.76.85.91.102. 105.107.123.140.229.241. + .VD2.3.26AA.R159.282.LK1.LK2		12/3/2012	C	CT03-1307
		3	05B-101-3Z	CHIP RESISTOR	100 1/16W 5% T 1608	10	EA	B	SMD	R64.65.67.101.103.143.303.325.	330.334	8/3/2027	C	CT03-0889
		3	05B-102-4Z	CHIP RESISTOR	1K 1/16W 5% T 1608	**17**	EA	B	SMD	R3.8.34.57.59.66.78.80.82.94. 114.142.153.161.313.331.405		6/3/2019	C	CT03-KATHI
		3	05B-103-5Z	CHIP RESISTOR	10K 1/16W 5% T 1608	**51**	EA	B	SMD	R33.38.54.69.77.87.89.100.110. 115.150.151.154.160.164.165. + 169.174.176.177.178.180.181.18 2.184.185.186.187.191.192.193. 200.202,17,62,73,96.304,12,14,16,22, 27,28,32,33.401.404.407.336.219		12/3/2012	C	CT03-1307
		3	05B-104-6Z	CHIP RESISTOR	100K 1/16W 5% T 1608	18	EA	B	SMD	R86.112.118.119.145.156. 220.221.223.227.255.267.269. + 279.280.283.308.309		6/3/2019	C	CT03-KATHI
		3	05B-150-7Z	CHIP RESISTOR	15 1/16W 5% T 1608	2	EA	B	SMD	R13.128		6/3/2019	A	CT03-KATHI
		3	05B-151-8Z	CHIP RESISTOR	150 1/16W 5% T 1608	4	EA	B	SMD	R2.5.28.41		7/3/2023	C	CT03-0788
		3	05B-152-9Z	CHIP RESISTOR	1.5K 1/16W 5% T 1608	7	EA	B	SMD	R27.74.117.147.155.266.329		12/3/2012	C	CT03-1307
		3	05B-153-0Z	CHIP RESISTOR	15K 1/16W 5% T 1608	**2**	EA	B	SMD	R257.238		6/3/2019	A	CT03-KATHI
		3	05B-154-1Z	CHIP RESISTOR	150K 1/16W 5% T 1608	**5**	EA	B	SMD	R49.50.260.275.254		12/3/2012	C	CT03-1307
		3	05B-155-2Z	CHIP RESISTOR	1.5M 1/16W 5% T 1608	1	EA	B	SMD	R149		6/3/2019	A	CT03-KATHI
		3	05B-201-0Z	CHIP RESISTOR	200 1/16W 5% T 1608	1	EA	B	SMD	R6		12/3/2012	C	CT03-1307
		3	05B-202-1Z	CHIP RESISTOR	2K 1/16W 5% T 1608	2	EA	B	SMD	R148.324		6/3/2019	A	CT03-KATHI
		3	05B-203-2Z	CHIP RESISTOR	20K 1/16W 5% T 1608	1	EA	B	SMD	R111		6/3/2019	A	CT03-KATHI
		3	05B-204-3Z	CHIP RESISTOR	200K 1/16W 5% T 1608	1	EA	B	SMD	R108		6/3/2019	A	CT03-KATHI
		3	05B-220-7Z	CHIP RESISTOR	22 1/16W 5% T 1608	2	EA	B	SMD	R51.125		12/3/2012	C	CT03-1307
		3	05B-221-8Z	CHIP RESISTOR	220 1/16W 5% T 1608	1	EA	B	SMD	R29		6/3/2019	A	CT03-KATHI
		3	05B-222-9Z	CHIP RESISTOR	2.2K 1/16W 5% T 1608	**27**	EA	B	SMD	R1.7.32.39.43.116.130.131.162. 166.167.170.171.179.188.195. + 204.208.214.218.228.230. 284.294.300.302.305.320		12/3/2012	C	CT03-1307
		3	05B-223-0Z	CHIP RESISTOR	22K 1/16W 5% T 1608	2	EA	B	SMD	R256.292		6/3/2019	A	CT03-KATHI
		3	05B-224-1Z	CHIP RESISTOR	220K 1/16W 5% T 1608	4	EA	B	SMD	R30.42.90.113		6/3/2019	A	CT03-KATHI
		3	05B-272-4Z	CHIP RESISTOR	2.7K 1/16W 5% T 1608	1	EA	B	SMD	R24		6/3/2019	A	CT03-KATHI
		3	05B-273-5Z	CHIP RESISTOR	27K 1/16W 5% T 1608	2	EA	B	SMD	R246.253		6/3/2019	A	CT03-KATHI
		3	05B-274-6Z	CHIP RESISTOR	270K 1/16W 5% T 1608	1	EA	B	SMD	R68		1/4/2015	C	CT04-0050
		3	05B-301-7Z	CHIP RESISTOR	300 1/16W 5% T 1608	8	EA	B	SMD	R14.15.311.315.318.319.321.323		6/3/2019	A	CT03-KATHI
		3	05B-330-3Z	CHIP RESISTOR	33 1/16W 5% T 1608	1	EA	B	SMD	R36		6/3/2019	A	CT03-KATHI
		3	05B-331-4Z	CHIP RESISTOR	330 1/16W 5% T 1608	7	EA	B	SMD	R62.81.138.139.141.158.408		8/3/2027	C	CT03-0889
		3	05B-332-5Z	CHIP RESISTOR	3.3K 1/16W 5% T 1608	12	EA	B	SMD	R52.104.137.163.173.183.189.27 1.276.291.297.402		12/3/2012	C	CT03-1307
				CHIP RESISTOR	33K 1/16W 5% T 1608	1	EA	B	SMD	R274				
		3	05B-361-1Z	CHIP RESISTOR	360 1/16W 5% T1608	1	EA	B	SMD	R210		6/3/2019	A	CT03-KATHI

3	05B-391-8Z	CHIP RESISTOR	390 1/16W 5% T 1608	1	EA	B	SMD	R25	6/3/2019	A	CT03-KATHI
3	05B-470-6Z	CHIP RESISTOR	47 1/16W 5% T 1608	10	EA	B	SMD	R11.12.31.35.106.129.144.251. 277.31	6/3/2019	A	CT03-KATHI
3	05B-471-7Z	CHIP RESISTOR	470 1/16W 5% T 1608	**5**	EA	B	SMD	R53.58.99.190.194.406	6/3/2019	A	CT03-KATHI
3	05B-472-8Z	CHIP RESISTOR	4.7K 1/16W 5% T 1608	**12**	EA	B	SMD	R63.73.88.175.196.197.201.213. 258.261.335.84	12/3/2012	C	CT03-1307
3	05B-473-9Z	CHIP RESISTOR	47K 1/16W 5% T 1608	**8**	EA	B	SMD	R172.198.199.203.272.293. 298.299	6/3/2019	A	CT03-KATHI
3	05B-474-0Z	CHIP RESISTOR	470K 1/16W 5% T 1608	1	EA	B	SMD	R216	6/3/2019	A	CT03-KATHI
3	05B-479-5Z	CHIP RESISTOR	4.7 1/16W 5% T 1608	2	EA	B	SMD	R10.126	12/3/2012	C	CT03-1307
3	05B-561-5Z	CHIP RESISTOR	560 1/16W 5% T 1608	3	EA	B	SMD	R252.278.317	6/3/2019	C	CT03-KATHI
3	05B-562-6Z	CHIP RESISTOR	5.6K 1/16W 5% T 1608	1	EA	B	SMD	R70	6/3/2019	A	CT03-KATHI
3	05B-563-7Z	CHIP RESISTOR	56K 1/16W 5% T 1608	1	EA	B	SMD	R222	6/3/2019	A	CT03-KATHI
3	05B-624-9Z	CHIP RESISTOR	620K 1/16W 5% T 1608	1	EA	B	SMD	R211	6/3/2019	A	CT03-KATHI
3	05B-681-0Z	CHIP RESISTOR	680 1/16W 5% T 1608	5	EA	B	SMD	R40.61.71.72.79	6/3/2019	A	CT03-KATHI
3	05B-682-1Z	CHIP RESISTOR	6.8K 1/16W 5% T 1608	1	EA	B	SMD	R301	12/3/2012	C	CT03-1307
3	05B-683-2Z	CHIP RESISTOR	68K 1/16W 5% T 1608	**2**	EA	B	SMD	R259.295	6/3/2019	A	CT03-KATHI
3	05B-684-3Z	CHIP RESISTOR	680K 1/16W 5% T 1608	1	EA	B	SMD	R83	6/3/2019	A	CT03-KATHI
3	05B-821-0Z	CHIP RESISTOR	820 1/16W 5% T 1608	1	EA	B	SMD	R4	6/3/2019	A	CT03-PAT
3	05B-823-2Z	CHIP RESISTOR	82K 1/16W 5% T 1608	1	EA	B	SMD	R239	6/3/2019	A	CT03-KATHI
3	05C-475-1Z	CHIP RESISTOR	47.5K 1/16W 1% T 1608	2	EA	B	SMD	R306.307	6/3/1930	A	CT03-KATHI
3	05J-473-0	CHIP RESISTOR	47.5K 1/16W 1% T 2012	**4**	EA	B	SMD	R207.209.268.270	6/3/1930	A	CT03-KATHI
3	05J-494-0	CHIP RESISTOR	499K 1/16W 1% T 2012	2	EA	B	SMD	R245.250	6/3/1930	A	CT03-KATHI
3	05K-393-0	CHIP RESISTOR	39 1/10W 5% T 3216	1	EA	B	SMD	R124	7/3/2002	A	CT03-KATHI
3	05K-513-0	CHIP RESISTOR	51 1/10W 5% T 3216	3	EA	B	SMD	R96.97.127	7/3/2002	A	CT03-KATHI
3	059-100-7Z	CHIP RESISTOR	10 1/ 8W 5% T 3216	3	EA	B	SMD	R121.122.168	12/3/2012	C	CT03-1307
3	059-470-1Z	CHIP RESISTOR	47 1/ 8W 5% T 3216	1	EA	B	SMD	R136	12/3/2012	A	CT03-1307
3	06B-007-4	TCXO CHIP RESISTOR	3.32K 1/10W 1% T 2012	1	EA	B	SMD	R237	6/3/2019	A	CT03-KATHI
3	06B-011-3	TCXO CHIP RESISTOR	27.4K 1/10W 1% T 2012	1	EA	B	SMD	R248	6/3/2019	A	CT03-PAT
3	06B-011-6	TCXO CHIP RESISTOR	33.2K 1/10W 1% T 2012	2	EA	B	SMD	R225.226	6/3/2019	A	CT03-PAT
3	06B-012-3	TCXO CHIP RESISTOR	46.4K 1/10W 1% T 2012	1	EA	B	SMD	R224	6/3/2019	A	CT03-PAT
3	06B-012-4	TCXO CHIP RESISTOR	48.7K 1/10W 1% T 2012	1	EA	B	SMD	R206	6/3/2019	A	CT03-PAT
3	06B-012-6	TCXO CHIP RESISTOR	53.6K 1/10W 1% T 2012	1	EA	B	SMD	R205	6/3/2019	A	CT03-PAT
3	06B-013-1	TCXO CHIP RESISTOR	68.1K 1/10W 1% T 2012	3	EA	B	SMD	R242.243.244	6/3/2019	A	CT03-PAT
3	06B-013-5	TCXO CHIP RESISTOR	82.5K 1/10W 1% T 2012	1	EA	B	SMD	R290	6/3/2019	A	CT03-PAT
3	06B-015-6	TCXO CHIP RESISTOR	226K 1/10W 1% T 2012	2	EA	B	SMD	R249.285	6/3/2019	A	CT03-PAT
3	06B-015-9	TCXO CHIP RESISTOR	365K 1/10W 1% T 2012	1	EA	B	SMD	R289	6/3/2019	A	CT03-PAT
3	06B-018-7	TCXO CHIP RESISTOR	332K 1/10W 1% T 2012	3	EA	B	SMD	R286.287.288	6/3/2019	A	CT03-PAT
3	06B-123-7	CHIP RESISTOR	12.4K 1/10W 1% T 2012	3	EA	B	SMD	R233.236.263	7/3/2002	A	CT03-KATHI
3	06B-134-6	CHIP RESISTOR	130K 1/10W 1% T 2012	2	EA	B	SMD	R232.264	6/3/2019	A	CT03-PAT
3	06B-883-0	CHIP RESISTOR	88.7K 1/10W 1% T2012	2	EA	B	SMD	R231.265	7/3/2002	A	CT03-KATHI
3	060-100-5Z	CHIP RESISTOR	10 1/10W 5% T 2012	2	EA	B	SMD	R120.132	7/3/2021	C	CT03-0785
3	060-101-6Z	CHIP RESISTOR	100 1/10W 5% T 2012	1	EA	B	SMD	R(L30)	12/3/2012	A	CT03-1307
3	060-102-7Z	CHIP RESISTOR	1K 1/10W 5% T 2012	**5**	EA	B	SMD	R98.133.134.135.235	7/3/2021	A	CT03-0785
3	060-152-2Z	CHIP RESISTOR	1.5K 1/10W 5% T 2012	**2**	EA	B	SMD	R326.234	6/3/2019	A	CT03-KATHI
3	060-390-8Z	CHIP RESISTOR	39 1/10W 5% T 2012	2	EA	B	SMD	R75.93	6/3/2019	A	CT03-KATHI
3	060-430- ????	CHIP RESISTOR	43 1/10W 5% T 2012	2	EA	B	SMD	R146.152	6/3/2019	A	CT03-KATHI
3	060-681-3Z	CHIP RESISTOR	680 1/10W 5% T 2012	2	EA	B	SMD	R95.138	6/3/2019	A	CT03-KATHI
3	097-152-6	THERMISTOR CHIP	1.5K NTCCM16083NH152GC	1	EA	B	SMD	RT1	7/3/2002	A	CT03-KATHI
3	101-127-8	CHIP ELECT CAP	10UF 16V 20% 4X4	2	EA	B	SMD	C27.235	8/3/2025	C	AT03-PAT
3	101-128-9	CHIP ELECT CAP	100UF 16V 20% 6.3X6.3	1	EA	B	SMD	C243	8/3/2025	C	AT03-PAT
3	101-129-0	CHIP ELECT CAP	100UF 20V 20% 6.3X6.3	1	EA	B	SMD	C304	8/3/2025	C	AT03-PAT
3	101-130-0	CHIP ELECT CAP	100UF 35V 20% 6.3X6.3	2	EA	B	SMD	C307.311	8/3/2025	C	AT03-PAT
3	102-306-8	CHIP ELECT CAP	220UF 16V 20% 6.3X6.3	1	EA	B	SMD	C318	8/3/2027	C	CT03-0889
3	102-307-9	CHIP ELECT CAP	220UF 35V 20% 8X8	1	EA	B	SMD	C150	8/3/2025	C	AT03-PAT
3	104-829-4	CHIP ELECT CAP	47UF 10V 20% 5X5	1	EA	B	SMD	C119	8/3/2029	C	AT03-PAT
3	130-A13-2Y	CHIP CERAMIC	0.0012UF GRM40 X7R122K 50V PT	1	EA	B	SMD	C285	6/3/2019	A	CT03-KATHI
3	130-A73-6Y	CHIP CERAMIC	0.01UF GRM39 X7R103K 25V	**31**	EA	B	SMD	C25.34.36.37.40.47.51.52.57.64 .73.74.82.83.87.123.124. + 125.127.136.211.250.254.260.26 2.263.267.322.332.345.346.	12/3/2012	C	CT03-1307
3	130-A75-8Y	CHIP CERAMIC	0.001UF GRM39 X7R102K 50V PT	38	EA	B	SMD	C1.2.17.18.23.26.28.39.42.50. 53.54.65.78.79.80.98.102.104.+ 106.114.116.122.126.128.129.	6/3/2019	C	CT03-KATHI

								137.148.178.181.192.197.201. 210.224.289.315.316			
3	130-B09-9Y	CHIP CERAMIC	0.1UF	GRM39 X7R104K 16V AT	**33** EA	B	SMD	C29.32.33.72.76.77.84.107.118. 120.195.196.199.200.217.222. + 229.230.233.240.244.245.246. 255.276.306.310.314.323.342. 359.360.**282**	7/3/2008	C	CT03-KATHI
3	130-B27-5Y	CHIP CERAMIC	0.001UF	GRM39 COG102J 50V	**7** EA	B	SMD	C134.287.288.321.324.325.453	12/3/2012	C	CT03-1307
3	130-170-0Y	CHIP CERAMIC	0.1UF	GRM40 Y5V104Z 25V PT	15 EA	B	SMD	C48.152.153.202.206.231.234.236. 237.238.239.241.242.444.445	8/3/2027	C	CT03-0889
3	130-172-2Y	CHIP CERAMIC	0.01UF	GRM40 X7R103K 50V PT	12 EA	B	SMD	C86.99.103.135.151.157.179.182 .198.203.221.225	8/3/2027	C	CT03-0889
3	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	6/3/2019	A	CT03-KATHI
3	130-239-0Y	CHIP CERAMIC	0.0022UF	GRM40 X7R222K 50V PT	1 EA	B	SMD	C290	12/3/2012	C	CT03-1307
3	130-249-9	CHIP CERAMIC	0.0022UF	GRM39 X7R222J 50V PT	1 EA	B	SMD	C333	6/3/2019	A	CT03-KATHI
3	130-261-9Y	CHIP CERAMIC	0.022UF	GRM39 X7R223K 50V PT	1 EA	B	SMD	C326	6/3/2019	A	CT03-KATHI
3	130-290-5Y	CHIP CERAMIC	0.22UF	GRM40 X7R224K 16V	4 EA	B	SMD	C142.223.320.329	12/3/2012	C	CT03-1307
3	130-314-5Y	CHIP CERAMIC	0.033UF	GRM40 X7R333K 50V PT	1 EA	B	SMD	C100	6/3/2019	A	CT03-KATHI
3	130-340-7Y	CHIP CERAMIC	0.0033UF	GRM39 X7R332K 50V PT	2 EA	B	SMD	C308.309	6/3/2019	A	CT03-KATHI
3	130-351-7Y	CHIP CERAMIC	0.0039UF	GRM426X7R392K 50V PT	1 EA	B	SMD	C338	6/3/2019	A	CT03-KATHI
3	130-680-1Y	CHIP CERAMIC	0.0068UF	GRM3196C1E682JD01D	1 EA	B	SMD	C277	7/3/2028	A	CT03-0799
3	131-020-1	CHIP CERAMIC	10UF	GRM31CF51E106ZA01	2 EA	B	SMD	C317.336	6/3/2028	A	CT03-KATHI
3	131-039-1Y	CHIP CERAMIC	10PF	GRM40 COG100C 50V PT	1 EA	B	SMD	C12	6/3/2019	A	CT03-KATHI
3	131-089-7Y	CHIP CERAMIC	1UF	GRM40 Y5V105Z 16V PT	7 EA	B	SMD	C90.97.138.140.147.149.328.283	6/3/2019	A	CT03-KATHI
3	131-093-9Y	CHIP CERAMIC	100PF	GRM39 COG101J 50V PT	19 EA	B	SMD	C49.58.94.95.96.115.174.312.32 7.337.341.347.348.349.350.351+ .352.355.361	12/3/2012	C	CT03-1307
3	131-094-0Y	CHIP CERAMIC	100PF	GRM40 R2H101J 50V PT	**3** EA	B	SMD	C156.183.369.446.447.454	8/3/2027	C	CT03-0889
3	131-240-5Y	CHIP CERAMIC	12PF	GRM39 COG120J 50V PT	2 EA	B	SMD	C130.131	6/3/2019	A	CT03-KATHI
3	131-241-6Y	CHIP CERAMIC	120PF	GRM39 COG121J 50V PT	2 EA	B	SMD	C286.301	6/3/2019	A	CT03-KATHI
3	131-511-0Y	CHIP CERAMIC	15PF	GRM40 COG150J 50V PT	**1** EA	B	SMD	C93	12/3/2012	C	CT03-1307
3	131-559-4Y	CHIP CERAMIC	1.5PF	GRM40 COG1R5C 50V PT	2 EA	B	SMD	C219.227	6/3/2019	A	CT03-KATHI
3	131-588-0Y	CHIP CERAMIC	1.5PF	GRM39 COG1R5B 50V	2 EA	B	SMD	C91.109	6/3/2020	A	CT03-KATHI
3	131-604-1Y	CHIP CERAMIC	16PF	GRM39 COG160J 50V PT	1 EA	B	SMD	C45	6/3/2019	A	CT03-KATHI
3	131-815-5Z	CHIP CERAMIC	180PF	GRH111COG181J300V PT	2 EA	B	SUB	C162.167	12/3/2024	C	AT03-PAT
3	131-816-6Y	CHIP CERAMIC	18PF	GRM40 COG180J 50V PT	2 EA	B	SMD	C105.113	12/3/2012	C	CT03-1307
3	131-834-2Y	CHIP CERAMIC	18PF	GRM39 COG180J 50V PT	2 EA	B	SMD	C68.69	6/3/2019	A	CT03-KATHI
3	131-835-3Y	CHIP CERAMIC	180PF	GRM39 COG181J 50V PT	2 EA	B	SMD	C144.146	6/3/2019	A	CT03-KATHI
3	132-012-1Y	CHIP CERAMIC	20PF	GRM40 COG200J 50V PT	**2** EA	B	SMD	C7.8.88	6/3/2019	A	CT03-KATHI
3	132-024-2Y	CHIP CERAMIC	2PF	GRM39 COG020C 50V PT	1 EA	B	SMD	C112	6/3/2019	A	CT03-KATHI
3	132-217-0Y	CHIP CERAMIC	22PF	GRM426COG220J200V PT	1 EA	B	SMD	C189	6/3/2019	A	CT03-KATHI
3	132-220-2Y	CHIP CERAMIC	220PF	GRM40 COG221J 50V PT	1 EA	B	SMD	C24	6/3/2019	A	CT03-KATHI
3	132-259-8Y	CHIP CERAMIC	22PF	GRM39 COG220J 50V PT	1 EA	B	SMD	C139	6/3/2019	A	CT03-KATHI
3	132-260-8Y	CHIP CERAMIC	220PF	GRM39 COG221J 50V PT	**3** EA	B	SMD	C63.67.293	12/3/2012	C	CT03-1307
3	132-292-7Y	CHIP CERAMIC	2.2UF	GRM40 Y5V225Z 10V	3 EA	B	SMD	C278.280.331	12/3/2012	C	CT03-1307
3	132-410-7Y	CHIP CERAMIC	24PF	GRM39 COG240J 50V PT	1 EA	B	SMD	C186	6/3/2019	A	CT03-KATHI
3	132-710-8Y	CHIP CERAMIC	270PF	GRM40 COG271J 50V PT	1 EA	B	SMD	C56	6/3/2019	A	CT03-KATHI
3	132-714-2Y	CHIP CERAMIC	27PF	GRM40 COG270J 50V PT	1 EA	B	SMD	C46	12/3/2012	C	CT03-1307
3	132-734-0Y	CHIP CERAMIC	27PF	GRM39 COG270J 50V PT	**2** EA	B	SMD	C132.133	6/3/2019	A	CT03-KATHI
3	133-103-5Y	CHIP CERAMIC	30PF	GRM39 COG300J 50V PT	**2** EA	B	SMD	C284.340.451	6/3/2019	A	CT03-KATHI
3	133-306-2Y	CHIP CERAMIC	33PF	GRM40 COG330J 50V PT	5 EA	B	SMD	C5.10.175.218.228	12/3/2012	C	CT03-1307
3	133-339-2Y	CHIP CERAMIC	330PF	GRM40 COG331J 50V PT	5 EA	B	SMD	C169.170.184.185.191	6/3/2019	A	CT03-KATHI
3	133-344-6Y	CHIP CERAMIC	330PF	GRM426COG331J200V PT	5 EA	B	SMD	C154.155.165.193.194	6/3/2019	A	CT03-KATHI
3	133-349-1Y	CHIP CERAMIC	33PF	GRM39 COG330J 50V PT	3 EA	B	SMD	C305.353.354	6/3/2019	A	CT03-KATHI
3	133-350-1Y	CHIP CERAMIC	330PF	GRM39 COG331J 50V PT	**2** EA	B	SMD	C70.110	6/3/2019	A	CT03-KATHI
3	133-611-7Y	CHIP CERAMIC	36PF	GRM40 COG360J 50V PT	3 EA	B	SMD	C16.19.22	6/3/2019	A	CT03-KATHI
3	133-932-7Y	CHIP CERAMIC	39PF	GRM40 COG390J 50V PT	5 EA	B	SMD	C4.6.9.11.188	12/3/2012	C	CT03-1307
3	134-701-2	CHIP CERAMIC	4.7UF	GRM21BF51A475ZA01	1 EA	B	SMD	C281	6/3/2028	A	CT03-KATHI
3	134-722-1Y	CHIP CERAMIC	47PF	GRM40 COG470J 50V PT	1 EA	B	SMD	C13	12/3/2012	C	CT03-1307
3	134-757-1Y	CHIP CERAMIC	47PF	GRM39 COG470J 50V PT	2 EA	B	SMD	C41.44	12/3/2012	C	CT03-1307
3	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.	6/3/2020	C	CT03-KATHI

								339.448.449.450			
3		CHIP CERAMIC	4PF GRM40 COG060D 50V PT	**1**	EA	B	SMD	C89	12/3/2012	A	CT03-1307
3	136-816-5Y	CHIP CERAMIC	68PF GRM40 COG680J 50V PT	4	EA	B	SMD	C14.15.166.173	12/3/2012	C	CT03-1307
3	138-004-4Y	CHIP CERAMIC	8PF GRM40 COG080D 50V PT	1	EA	B	SMD	C108	6/3/2019	A	CT03-KATHI
3	138-232-3Y	CHIP CERAMIC	82PF GRM39 COG820J 50V PT	1	EA	B	SMD	C141	6/3/2019	A	CT03-KATHI
3	138-233-4	CHIP CERAMIC	820PF GRM39 X7R821J 50V PT	1	EA	B	SMD	C300	6/3/2019	A	CT03-KATHI
3	139-101-3	CHIP CERAMIC	91PF GRM40 COG910J 50V PT	3	EA	B	SMD	C20.21.176	12/3/2012	C	CT03-1307
3	140-114-3Y	CHIP TANTALUM	0.1UF TCM1V104ASSR 35V	1	EA	B	SMD	C92	6/3/2019	A	CT03-KATHI
3	141-021-8	CHIP TANTALUM	10UF ECST1CX106R 16V	3	EA	B	SMD	C85.303.330	6/3/1930	A	CT03-KATHI
3	141-033-9	CHIP TANTALUM	10UF ECST0JY106R 6.3V	2	EA	B	SMD	C302.356	8/3/2027	C	CT03-0889
3	141-042-7	CHIP TANTALUM	10UF ECST1AY106R 10V	5	EA	B	SMD	C30.75.111.145	6/3/1930	A	CT03-KATHI
3	141-060-3	CHIP TANTALUM	1UF ECST1EY105R 25V	**4**	EA	B	SMD	C101.232.**299.55**	6/3/1930	A	CT03-KATHI
3	141-062-5	CHIP TANTALUM	10UF ECST1EC106R 25V	1	EA	B	SMD	C158	6/3/1930	A	CT03-KATHI
3	143-314-4	CHIP TANTALUM	33UF ECST0JX336R 6.3V	**5**	EA	B	SMD	C247.343.344.357.358	8/3/2027	C	CT03-0889
3	143-317-6	CHIP TANTALUM	3.3UF ECST1CY335R 16V	4	EA	B	SMD	C31.121.274.313	6/3/1930	A	CT03-KATHI
3	176-016-7	CHIP TRIMMER	6PF TZV02Z060A100	2	EA	B	SMD	CV1.2	6/3/2019	A	CT03-KATHI
3	180-101-3	FILM CHIP CAPACITOR	0.1UF ECHU1H104IJB9	1	EA	B	SMD	C335	6/3/2028	A	CT03-KATHI
3	200-153-7	TRANSISTOR	BFR93A (SOT-23)	2	EA	B	SMD	Q(VT19.21)	6/3/2019	A	CT03-KATHI
3	200-169-2	TR	2SC3356-T1B(R25)(SOT-23)	1	EA	B	SMD	Q(VT2)	6/3/2019	A	CT03-KATHI
3	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)	12/3/2012	C	CT03-1307
3	200-241-3	TRANSISTOR	DTC144EETL	5	EA	B	SMD	Q(VT29.32.45.47.56)	6/3/2019	A	CT03-KATHI
3	200-249-1	TRANSISTOR	UMW1N (UMT5)	2	EA	B	SMD	Q(VT39.44)	6/3/2019	A	CT03-KATHI
3	200-255-6	TRANSISTOR	2SA1586GR	2	EA	B	SMD	Q(VT12.13)	6/3/2019	A	CT03-KATHI
3	200-256-7	TRANSISTOR	2SC4116GR	12	EA	B	SMD	Q(VT6.14.15.30.31.34.35.36.38. 43.46.50)	6/3/2019	A	CT03-KATHI
3	200-260-0	FET	2SK508-T1B K52	2	EA	B	SMD	Q(VT11.17)	6/3/2019	A	CT03-KATHI
3	200-313-5	TRANSISTOR	BFT93	1	EA	B	SMD	Q(VT4)	6/3/2019	A	CT03-KATHI
3	200-314-6	TRANSISTOR	BCW32	3	EA	B	SMD	Q(VT25.26.27)	8/3/2027	C	CT03-0889
3	200-315-7	TR RF AMP	MMBF5484(SOT-23)	2	EA	B	SMD	Q(VT51.54)	6/3/2019	A	CT03-KATHI
3	200-318-0	FET MOS	ZXM62P02E6	2	EA	B	SMD	Q(VT41.42)	6/3/2028	A	CT03-KATHI
3	200-319-1	FET	ZXMP4A16G	2	EA	B	SMD	Q(VT33.61)	9/3/2010	C	CT03-0939
3	200-322-3	TR POWER RF	PD55003	1	EA	B	SMD	Q(VT23)	6/3/2028	A	CT03-KATHI
3	200-324-5	TRANSISTOR	BFQ17	1	EA	B	SMD	Q(VT24)	6/3/2020	A	CT03-KATHI
3	200-325-6	TRANSISTOR PNP	BCW30	1	EA	B	SMD	Q(VT20)	6/3/2020	A	CT03-KATHI
3	200-326-7	TRANSISTOR	MMBFU310LT1	2	EA	B	SMD	Q(VT5.7)	6/3/2020	C	CT03-KATHI
3	220-378-0	I.C REGULATOR	KIA78L05F	2	EA	B	SMD	IC(DA4.8)	6/3/2019	A	CT03-PAT
3	220-520-1	I.C IF DETECT	TA31136FN	1	EA	B	SMD	IC(DA2)	6/3/2019	A	CT03-KATHI
3	221-542-6	I.C DUAL OP AMP	NJM2904V-TE1/2(SSOP8)	5	EA	B	SMD	IC(DA1.11.12.13.19)	6/3/2019	A	CT03-KATHI
3	221-546-0	I.C OP AMP	NJM324V-TE1/2(SSOP14)	4	EA	B	SMD	IC(DA9.15.17.18)	6/3/2019	A	CT03-KATHI
3	221-555-8	I.C PLL	MB15A02PFV1 (FPT-16P-M05)	1	EA	B	SMD	IC(DA3)	9/3/2025	C	AT03-PAT
3	221-800-9	I.C HEX INVERTER	MM74HCT04	1	EA	B	SMD	IC(DD4)	6/3/2019	A	CT03-KATHI
3	221-802-1	I.C LDO REGULATOR	TPS77133	1	EA	B	SMD	IC(DA20)	6/3/2019	A	CT03-KATHI
3	221-833-9	I.C CMOS	ADG719BRM	**3**	EA	B	SMD	IC(DD1.2.6)	6/3/2019	A	CT03-PAT
3	221-834-0	I.C RF AMP	SGA-4586	1	EA	B	SMD	IC(DA5)	6/3/2019	A	CT03-KATHI
3	221-835-1	I.C	AD5200BRM-10	1	EA	B	SMD	IC(DA16)	6/3/2019	A	CT03-PAT
3	221-836-2	I.C EEPROM	24LC256D(SO-8)	1	EA	B	SMD	IC(DD3)	6/3/2019	A	CT03-PAT
3	221-838-4	I.C A/D CONVERTER	TLV5620ID	1	EA	B	SMD	IC(DA10)	6/3/2019	A	CT03-KATHI
3	221-846-1	I.C OP AMP	NJM324M	1	EA	B	SMD	IC(DA6)	6/3/2028	A	CT03-KATHI
3	221-847-2	I.C MICRO CONTROLLER	MSP430F149IPM	1	EA	B	SMD	IC(DD5)	6/3/2028	A	CT03-KATHI
3	221-855-9	MIXER MODULE	LREMS-1A-13	1	EA	B	SMD	IC(A1)	6/3/1930	A	CT03-KATHI
3	241-099-9	DIODE ZENER	BZX84C-5V1 5.1V 0.3W	4	EA	B	SMD	D(VD23.25.32.49)	6/3/2019	A	CT03-PAT
3	241-100-6	DIODE ZENER	BZX84-C4V7 4.7V 0.3W (SOT-23)	1	EA	B	SMD	D(VD8)	6/3/2019	A	CT03-PAT
3	241-268-5	DIODE ZENER	BZX84-C5V6	4	EA	B	SMD	D(VD28.31.36.38)	6/3/2019	A	CT03-PAT
3	241-269-6	DIODE ZENER	BZX84-C10	4	EA	B	SMD	D(VD42.45.46.47)	6/3/2019	A	CT03-PAT
3	241-270-6	DIODE ZENER	BZX84-C30	8	EA	B	SMD	D(VD27.30.33.34.35.39.40.41)	6/3/2020	C	CT03-KATHI
3	242-031-2	DIODE VARICAP	1SV239(TPH3)	1	EA	B	SMD	D(VD15)	6/3/2019	A	CT03-PAT
3	242-044-4Z	DIODE VARCAP	HVU356	7	EA	B	SMD	D(VD6.9.11.12.13.14.20)	10/3/2024	C	CT03-1110
3	243-089-0	DIODE SWITCHING CHIP	1SS355 TE-17	**7**	EA	B	SMD	D(VD7.10.29.43.44.48.52)	6/3/2019	A	CT03-PAT
3	243-099-9	DIODE PIN CHIP	MA4P1250	2	EA	B	SMD	D(VD21.22)	6/3/2019	A	CT03-PAT
3	243-154-5	DIODE SWITCHING	1SS356 TW11 (UMD2)	**3**	EA	B	SMD	D(VD1.16.17)	6/3/2019	A	CT03-PAT
	243-156-7	DIODE PIN	HVU131TRF	**1**	EA	B	SMD	D(VD51)			
3	243-184-2	DIODE SCHOTTKY	STP3045CG(D2PAK)	1	EA	B	SMD	D(VD37)	6/3/2019	A	CT03-PAT
3	243-187-5	DIODE SCHOTTKY	BAT62-03W	3	EA	B	SMD	D(VD24.26.50)	6/3/2020	A	CT03-KATHI

3	247-008-7	DIODE DUAL CHIP	BAV99	1	EA	B	SMD	D(VD18)	6/3/2028	A	CT03-KATHI
3	270-336-7	DISCRIMINATOR CERAM.	CDS455C24	1	EA	B	SUB	X(CD1)	9/3/2003	C	AT03-PAT
3	311-797-8	COIL CHIP	39NH LQN21A39NJ04	2	EA	B	SMD	L19.22	12/3/2012	C	CT03-1307
3	312-053-4Z	COIL SPRING	E2-0.30-1.7-7TL	7	EA	B	SMD	L3.4.5.6.7.8.9	6/3/2019	A	CT03-PAT
3	312-287-9	COIL INDUCTOR CHIP	470NH LL2012-FHR47K	2	EA	B	SMD	L24.25	12/3/2012	C	CT03-1307
3	312-295-6	COIL WIREWOUND CHIP	33NH 0805C-33NJ	1	EA	B	SMD	L42	6/3/2028	A	CT03-KATHI
3	312-296-7	COIL WIREWOUND CHIP	47NH 0805C-47NJ	4	EA	B	SMD	L15.27.28.29	6/3/2028	A	CT03-KATHI
3	312-297-8	COIL WIREWOUND CHIP	0.1UH 0805C-R10G	1	EA	B	SMD	L2	6/3/2028	A	CT03-KATHI
3	312-298-9	COIL WIREWOUND CHIP	0.22UH 0805C-R22J	1	EA	B	SMD	L26	6/3/2028	A	CT03-KATHI
3	312-299-0	COIL WIREWOUND CHIP	0.47UH 0805C-R47J	3	EA	B	SMD	L12.13.45	6/3/2028	A	CT03-KATHI
3	312-300-7	COIL WIREWOUND CHIP	0.82UH 0805C-R82J	3	EA	B	SMD	L17.20.23	6/3/2028	A	CT03-KATHI
3	312-301-8	COIL WIREWOUND CHIP	15NH 1008C-15NJ	1	EA	B	SMD	L41	8/3/2025	A	CT03-0887
3	312-302-9	COIL WIREWOUND CHIP	33NH 1008C-33NJ	1	EA	B	SMD	L40	8/3/2025	C	CT03-0887
		COIL WIREWOUND CHIP	0.18UH 1008C-R18J	1			SMD	L59			
3	312-304-1	COIL CHIP	4.7UH LQM21NN4R7K10D	2	EA	B	SMD	L18.21	7/3/2028	A	CT03-0799
3	312-306-3	COIL CHIP	2.2UH LQM21NN2R2K10D	4	EA	B	SMD	L1.10.11.16	7/3/2028	A	CT03-0799
3	312-307-4	COIL WIREWOUND CHIP	18NH 0805C-18NJ	1	EA	B	SMD	L43	8/3/2027	A	CT03-0891
3	321-212-9	CORE FERRITE BEADS	BLM31PG121SN1	6	EA	B	SMD	L50.51.52.53.54.55	6/3/2020	A	CT03-KATHI
3	321-214-1	COIL SMD BEADS	BDS3/3/8.9-4S2	**7**	EA	B	SMD	L31.32.33.34.56.57.58	6/3/1930	A	CT03-KATHI
3	4A6-137-A	P.C.B ASS'Y	211 X159 X1.6 FR4 1/1	1	EA	B	SMD		5/3/2026	A	CT03-PAT
4	406-867-A	P.C.B FRONT	108 X46 X1.6 FR4 1/1	1	EA	B	SMD		5/3/2014	C	AT03-PAT
4	416-153-A	P.C.B MAIN	163 X137 X1.6 FR4 1/1	1	EA	B	SMD		5/3/2014	C	AT03-PAT
3	421-726-8	CONN. SMD FEMALE	2MM(2X3) MMS-103-02-L-DV-TR	1	EA	B	SMD	XP3	8/3/2025	C	AT03-PAT
3	480-070-1	POT. CHIP TRIMMER	MVR34 HXBR N472	3	EA	B	SMD	RV(RP5.6.7)	6/3/2019	A	CT03-KATHI
3	480-071-2	POT. CHIP TRIMMER	MVR34 HXBR N103	4	EA	B	SMD	RV(RP1.2.3.4)	6/3/2019	A	CT03-KATHI
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			*	TOTAL RECORD =					354		

DELETED

ADDED

CHANGES ARE APPLIED

CHANGED VALUE OR REF DES OR NUMBER OF PARTS

Feb 09 2004

R402 value was 10k, new value 3.3k

Feb 11 2004

VT52 type change from DTC144 to DTC114

R336 added 10k 1608

Feb 14 2004

C825 added 0.001u 1608

March 01 2004

C282 value was 0.01u , new value 0.1u

R219 value was 100k, new value 10k

C283 type and value was 10u 16V tantalum,
now 1u 16V ceramic

C452 removed

VD51 type changed Now is HVU131TRF

R409 removed

See attached datasheet