

Parts List

Part Number	Part Description	Designations	Un-	Qty
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Part Number: 21409504400

Part Description: PCB READER ASTM ASSY

Revision: B

ECO Number:

21403200200	PCB READER ASTM	BL1	EA	1.000
21404000800	SHIELD FENCE	BL3	EA	1.000
21404000900	SHIELD COVER	BL4	EA	1.000
21351401000	SAW FILTER 836MHZ	FL5	EA	1.000
21351404100	COUPLER 890-915M CP0603A0902BW	FL1	EA	1.000
21351404300	SAW FILTER 70MHZ	FL6	EA	1.000
21351404500	3-TERMINAL FILTER 7-60MHZ 25DB	FL7	EA	1.000
21351411100	SAW FILTER 915MHz BW 7MHz	FL2,FL3,FL4	EA	3.000
21351609700	RES 1206 2 5%	R135	EA	1.000
21351615200	RES 0805 0 OHM	R165,R166,R172,R185,R186	EA	5.000
21351616100	RES 0402 310K 1%	R161	EA	1.000
21351616700	RES 0402 6.49K 1%	R170	EA	1.000
21351618000	RES 0603 51 5%	R47	EA	1.000
21351620000	RES 0402 10K 1%	R18,R20,R28,R31,R37,R38,R54,R67,R69,R84,R86,R87,R155 R169,R175,R190,R192,R232,R246,R248	EA	20.000
21351620100	RES 0402 33.2K 1%	R164	EA	1.000
21351620200	RES 0402 100K 5%	R55,R98,R100,R162	EA	4.000
21351620300	RES 0402 47.5K 1%	R110,R111,R112,R114,R116,R117,R119,R120,R122,R123,R125 R126,R127,R128,R129,R130,R131,R132,R133,R134,R138,R141 R145,R147,R148,R149,R150,R153,R158,R159,R163,R180,R195 R198,R201,R202,R204,R205,R206,R208,R209,R210,R212,R213 R214,R216,R217,R218,R219,R220,R224,R226,R228,R236	EA	54.000
21351620400	RES 0402 0 OHM	R108,R139,R187,R225,R230,R233,R234	EA	7.000

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עמ' 1 מתוך 10

טלמטיקס וויירלס בע"מ, רח' המלאכה 26, ת.ד. 1911, חולון 58117

טל': 5575700 (03), פקס: 5575703 (03) e-mail: eddy@telematics-wireless.com

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Part Number	Part Description	Designations	Un-	Qty
Part Number: 21409504400 (Cont.)				
21351620500	RES 0402 180 5%	R52,R53,R72,R74,R91,R93	EA	6.000
21351621700	RES 0402 1.24K 1%	R76	EA	1.000
21351621800	RES 0402 4.22K 1%	R176,R194	EA	2.000
21351622500	RES 0402 11K 1%	R102	EA	1.000
21351623100	RES 0402 27K 5%	R94,R95,R154,R156,R157	EA	5.000
21351623300	RES 0402 3.3K 5%	R17,R105	EA	2.000
21351623400	RES 0402 51 5%	R2,R9,R56	EA	3.000
21351623500	RES 0402 560 5%	R57,R60,R75	EA	3.000
21351623600	RES 0402 220 5%	R61,R64	EA	2.000
21351623800	RES 0402 1K 5%	R1,R4,R5,R6,R24,R26,R29,R30,R32,R46,R77,R78,R79,R81 R238,R239,R240,R241,R245	EA	19.000
21351623900	RES 0402 33 5%	R11,R39,R97,R143,R231	EA	5.000
21351624000	RES 0402 300 5%	R13,R15,R181,R182,R183,R184,R196,R197,R199,R200	EA	10.000
21351624300	RES 0402 51K 5%	R243	EA	1.000
21351624500	RES 0402 2.2K 5%	R23,R40	EA	2.000
21351624600	RES 0402 330 5%	R41,R48,R50,R82	EA	4.000
21351624700	RES 0402 100 5%	R66,R90,R189,R191	EA	4.000
21351624800	RES 0402 1.8K 5%	R96	EA	1.000
21351624900	RES 0402 510K 5%	R22	EA	1.000
21351625200	RES 0402 825K 1%	R160	EA	1.000
21351625600	RES 0402 10 5%	R25,R27,R33,R65,R68,R71,R80,R85,R99,R101,R103,R188,R211 R247,R249	EA	15.000
21351626100	RES 0402 1.1K 1%	R177	EA	1.000
21351626200	RES 0402 1.65K 1%	R106,R107	EA	2.000

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עמ' 2 מתוך 10

טלמטיקס וויירלס בע"מ, רח' המלאכה 26, ת.ד. 1911, חולון 58117

טל': 5575700 (03), פקס: 5575703 (03) e-mail: eddy@telematics-wireless.com

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Part Number	Part Description	Designations	Un-	Qty
Part Number: 21409504400 (Cont.)				
21351626900	RES 0402 18 5%	R14,R49	EA	2.000
21351627000	RES 0402 680 5%	R58,R59,R62,R63,R70,R83,R89	EA	7.000
21351627200	RES 0402 5.23K 1%	R168	EA	1.000
21351627800	RES 0402 13.7K 1%	R193	EA	1.000
21351628000	RES 0402 20K 1%	R137,R151,R221,R222	EA	4.000
21351628300	RES 0402 4.7K 5%	R19,R223,R229,R242	EA	4.000
21351628800	RES 0402 68 5%	R3,R104	EA	2.000
21351629100	RES 0402 3.9K 5%	R10	EA	1.000
21351629400	RES 0402 200K 5%	R21,R34,R36,R244	EA	4.000
21351629600	RES 0402 18K 5%	R35,R45	EA	2.000
21351630800	RESISTOR ARRAY 8x47K 5%	RN1,RN2,RN3,RN5,RN8,RN9,RN10,RN11	EA	8.000
21351631200	RES 0402 3.00K 1%	R171,R174,R178	EA	3.000
21351631300	RES 0402 1.78K 1%	R167,R179	EA	2.000
21351631400	RES 0402 14.0K 1%	R173	EA	1.000
21351631500	RES 0402 60.4 1%	R142	EA	1.000
21351632700	RES 0402 12 5%	R43	EA	1.000
21351633500	RES 0402 430 5%	R42,R44	EA	2.000
21351633600	RES 0402 27 5%	R51,R73,R92	EA	3.000
21351633700	RES 0402 47 5%	R16,R88	EA	2.000
21351633800	RES 0402 91 5%	R7	EA	1.000
21351633900	RES 0402 510 5%	R8,R12	EA	2.000
21351703600	CAP X7R 0805 10NF 100V 20%	C194,C195,C196,C197,C198,C199,C200,C201,C202,C203,C226,C273,C274,C275,C276,C277,C278	EA	17.000

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עמ' 3 מתוך 10

טלמטיקס וויירלס בע"מ, רח' המלאכה 26, ת.ד. 1911, חולון 58117

טל': 03) 5575700, פקס: 03) 5575703 e-mail: eddy@telematics-wireless.com

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Parts List

Part Number	Part Description	Designations	Un-	Qty
Part Number: 21409504400 (Cont.)				
21351707400	CAP NPO 0603 390PF 50V 5%	C32,C46,C84	EA	3.000
21351708600	CAP NPO 0402 100PF 50V 5%	C17,C52,C54,C61,C71,C81,C88,C100,C115,C135,C141,C146 C157,C165,C186,C351	EA	16.000
21351708800	CAP X7R 0402 10NF 16V 20%	C45,C47,C60,C65,C66,C105,C106,C112,C114,C119,C121,C122 C130,C133,C167,C176,C185,C193,C218,C225,C354,C355	EA	22.000
21351708900	CAP NPO 0402 10PF 50V 5%	C55,C80,C92,C126,C147,C148,C149,C188	EA	8.000
21351709000	CAP NPO 0402 51PF 50V 5%	C179	EA	1.000
21351709300	CAP NPO 0402 22PF 50V 5%	C91	EA	1.000
21351709400	CAP X7R 0402 1NF 50V 10%	C68,C75,C86,C97,C101,C132,C153,C159,C163,C166,C168,C170 C171,C181,C184,C247,C249,C255,C256,C257,C259,C264,C265 C352	EA	24.000
21351709500	CAP Y5V 0402 100NF 16V +80-20%	C67,C69,C73,C74,C76,C77,C85,C87,C89,C107,C113,C123,C124 C131,C136,C138,C145,C150,C152,C160,C162,C182,C183,C208 C209,C210,C213,C214,C215,C216,C217,C240,C248,C250,C251 C252,C253,C254,C258,C260,C261,C262,C263,C266,C268,C269 C270,C271,C272,C279,C281,C283,C284,C285,C286,C287,C288 C289,C290,C291,C292,C293,C294,C295,C296,C297,C298,C299 C301,C302,C303,C304,C305,C306,C307,C308,C309,C310,C311 C312,C313,C314,C315,C316,C317,C318,C319,C320,C321,C322 C323,C324,C325,C326,C327,C328,C329,C330,C331,C332,C334 C335,C336,C337,C338,C339,C340,C341,C356	EA	109.000
21351709600	CAP Y5V 0603 330NF 10V +80-20%	C224	EA	1.000
21351710000	CAP NPO 0402 5.6PF 50V .25PF	C140	EA	1.000
21351710100	CAP NPO 0402 4.3PF 50V .25PF	C8	EA	1.000
21351710300	CAP NPO 0402 15PF 50V 5%	C127,C128,C172,C178	EA	4.000
21351710500	CAP NPO 0402 3.3PF 50V .1PF	C1,C4,C14,C15,C16,C18,C20,C23,C24,C34,C35,C37,C41,C48 C56	EA	15.000
21351710800	CAP NPO 0402 1PF 50V .1PF	C139	EA	1.000
21351710900	CAP TAN B 10UF 16V 10%	C300	EA	1.000

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עמ' 4 מתוך 10

טלמטיקס וויירלס בע"מ, רח' המלאכה 26, ת.ד. 1911, חולון 58117

טל': 5575700 (03), פקס: 5575703 (03) e-mail: eddy@telematics-wireless.com

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Parts List

Part Number	Part Description	Designations	Un-	Qty
Part Number: 21409504400 (Cont.)				
21351711000	CAP X7R 0402 470PF 50V 10%	C64,C118,C177,C192	EA	4.000
21351711200	CAP X7R 0402 330PF 50V 10%	C82,C95,C189	EA	3.000
21351711500	CAP TAN A 4.7UF 16V 10%	C59,C117,C134,C161,C175,C191	EA	6.000
21351711800	CAP TAN A 10UF 6.3V 20%	C243,C244	EA	2.000
21351712100	CAP TAN C 100UF 6.3V 20% L.E	C205,C211,C267,C282,C333	EA	5.000
21351712300	CAP NPO 0402 18PF 50V 5%	C125	EA	1.000
21351712400	CAP NPO 0402 56PF 50V 5%	C5,C7,C9,C10,C12,C19,C22,C25,C26,C27,C28,C30,C36,C38 C40,C42,C63,C72,C90,C102,C103,C129,C137,C142,C151,C180 C343,C344,C346,C348,C349	EA	31.000
21351712500	CAP NPO 0402 1.2PF 50V .1PF	C2,C3	EA	2.000
21351712600	CAP X7R 0603 100NF 16V 10%	C58,C116,C174,C190,C212,C221,C229,C232,C236,C246,C280	EA	11.000
21351712700	CAP X7R 0805 330NF 16V 10%	C222,C231,C234	EA	3.000
21351714600	CAP Y5V 0402 22NF 16V +80-20%	C204	EA	1.000
21351714700	CAP NPO 0402 3.9PF 50V .1PF	C49	EA	1.000
21351715000	CAP NPO 0402 4.7PF 50V .25PF	C51	EA	1.000
21351715100	CAP NPO 0402 2.7PF 50V .1PF	C31,C33	EA	2.000
21351715400	CAP NPO 0402 68PF 50V 5%	C164,C169	EA	2.000
21351715500	CAP NPO 0402 47PF 50V 5%	C13,C57,C99,C104,C108,C109,C110,C111,C353	EA	9.000
21351715600	CAP NPO 0402 6.8PF 50V 5%	C187	EA	1.000
21351715800	CAP NPO 0402 33PF 25V 1%	C158,C173	EA	2.000
21351716200	CAP X7R 0402 680PF 50V 5%	C79,C143,C156	EA	3.000
21351716400	CAP X7R 0402 27NF 10V 10%	C206	EA	1.000
21351716500	CAP X7R 0402 560PF 50V 5%	C78,C207	EA	2.000
21351717400	CAP X7R 0402 15NF 16V 10%	C43,C83,C93,C94,C155	EA	5.000

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טלמטיקס וויירלס בע"מ, רח' המלאכה 26, ת.ד. 1911, חולון 58117

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TELEMATICS WIRELESS LTD.

telematics wireless Ltd.

Date: Nov-09-03 Sun 14:56

Condition: Part Number 21409504400, Revision B

Parts List

Part Number	Part Description	Designations	Un-	Qty
Part Number: 21409504400 (Cont.)				
21351717500	CAP COG 0402 6.2PF 50V .25PF	C39	EA	1.000
21351717600	CAP COG 0402 150PF 50V 5%	C44	EA	1.000
21351717700	CAP COG 0402 5.1PF 50V .25PF	C50	EA	1.000
21351717800	CAP COG 0402 1.2NF 50V 10%	C53,C70	EA	2.000
21351717900	CAP COG 0402 1.5NF 50V 10%	C62	EA	1.000
21351718000	CAP COG 0402 270PF 50V 10%	C96	EA	1.000
21351718100	CAP COG 0402 8.2NF 50V 10%	C144	EA	1.000
21351718200	CAP Y5V 0603 1UF 10V 20%	C237,C238,C241	EA	3.000
21351800900	WW. INDUCTOR 1008 1UH 5%	L24,L26	EA	2.000
21351801700	WW. INDUCTOR 1008 4.7UH 5%	L13,L25	EA	2.000
21351802900	ML. INDUCTOR 0603 100NH 5%	L31,L33	EA	2.000
21351803000	WW. INDUCTOR 0603 12NH 2%	L32	EA	1.000
21351803500	ML. INDUCTOR 0603 3.3NH 10%	L7	EA	1.000
21351803700	ML. INDUCTOR 0603 6.8NH 5%	L6,L10,L14	EA	3.000
21351804200	ML. INDUCTOR 0603 33NH 5%	L17	EA	1.000
21351804500	ML. INDUCTOR 0603 47NH 5%	L28,L29	EA	2.000
21351804700	ML. INDUCTOR 0603 15NH 5%	L18	EA	1.000
21351804800	ML. INDUCTOR 0603 1.8NH 0.3NH	L27	EA	1.000
21351805400	ML. INDUCTOR 0603 8.2NH 5%	L3,L5	EA	2.000
21351805500	ML. INDUCTOR 0603 4.7NH 0.3NH	L1,L8,L9,L11,L12	EA	5.000
21351806200	ML. INDUCTOR 0603 2.2NH 0.3NH	L2,L4	EA	2.000
21351806400	WW. INDUCTOR 1008 180NH 5%	L16,L22	EA	2.000

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טלמטיקס וויירלס בע"מ, רח' המלאכה 26, ת.ד. 1911, חולון 58117

טל': 5575700 (03), פקס: 5575703 (03) e-mail: eddy@telematics-wireless.com

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TELEMATICS WIRELESS LTD.

telematics wireless Ltd.

Date: Nov-09-03 Sun 14:56

Condition: Part Number 21409504400, Revision B

Parts List

Part Number	Part Description	Designations	Un-	Qty
Part Number: 21409504400 (Cont.)				
21351806500	INDUCTOR HI-POWER SHILDED	L42,L43,L45	EA	3.000
21351806900	WW. INDUCTOR 0603 6.8NH 2% HC	L30	EA	1.000
21351807000	WW. INDUCTOR 0603 330NH 5%	L34	EA	1.000
21351807100	WW. INDUCTOR 0603 4.7UH 5%	L39	EA	1.000
21351807200	WW. INDUCTOR 0603 150NH 5%	L35,L36	EA	2.000
21351807300	WW. INDUCTOR 0603 680NH 5%	L37,L38	EA	2.000
21351807400	POWER INDUCTOR 10UH 1.3A 20%	L44	EA	1.000
21351807500	WW. INDUCTOR 1812 2.2UH 5%	L15,L23	EA	2.000
21351807600	WW. INDUCTOR 1812 4.7UH 5%	L19,L21	EA	2.000
21351807700	WW. INDUCTOR 1008 150NH 5%	L20	EA	1.000
21351807800	WW. INDUCTOR 1008 5.6UH 5%	L46	EA	1.000
21352101200	TRANSISTOR 918	Q5,Q13	EA	2.000
21352101400	FET NE25139	Q1	EA	1.000
21352104400	DIODE SCHOTTKY SER MA4CS102B	D2,D3	EA	2.000
21352109900	TRANSISTOR NPN NE68819	Q2,Q3,Q4,Q9,Q10,Q12	EA	6.000
21352110600	WIDEBAND AMPLIFIER UPC2763TB	U14	EA	1.000
21352111300	TRANSISTOR BFG25AW/X	Q11	EA	1.000
21352112900	TRANSISTOR NPN 2222 (SOT323)	Q6,Q8,Q14,Q15,Q17,Q18,Q19	EA	7.000
21352113400	DIODE SERIES MMBD4148SE	CR1,CR2,CR3,CR4,CR5,CR6,CR7,CR8,CR9,CR10,CR11,CR12,CR13 CR14,CR15	EA	15.000
21352114400	DUAL FREQ.SYNTHESIZER LMX1601TMX	U15	EA	1.000
21352115000	DIODE ZENER 36V 0.5W 5%	D16	EA	1.000
21352120600	AMPLIFIER 2G 3V UPC8151TB	U17	EA	1.000

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עמ' 7 מתוך 10

טלמטיקס וויירלס בע"מ, רח' המלאכה 26, ת.ד. 1911, חולון 58117

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 Date: Nov-09-03 Sun 14:56
 Condition: Part Number 21409504400, Revision B

TELEMATICS WIRELESS LTD.

telematics wireless Ltd.

Parts List

Part Number	Part Description	Designations	Un-	Qty
Part Number: 21409504400 (Cont.)				
21352121600	POWER AMP 900M	U3	EA	1.000
21352122100	SCHOTTKY DIODE SERIES HSMS-2852	D1,D4,D17	EA	3.000
21352122600	OP AMP + COMPARATOR MAX9003	U8	EA	1.000
21352123400	HOSING LED LAMP T1 3/4 RA (3MM)	D15	EA	1.000
21352123500	FET P CHANEL LOW RDS	Q7,Q16	EA	2.000
21352123600	DIGITAL SIGNAL PROC	U21	EA	1.000
21352123700	FPGA SPARTAN IIE 1.8V	U20	EA	1.000
21352123800	DARLINGTON ARRAY 1.7V CNTRL	U19	EA	1.000
21352123900	SDRAM 1Mx32BITx4	U30	EA	1.000
21352124000	SRAM 256Kx16BIT 8N	U36,U37	EA	2.000
21352124100	FLASH 1Mx16BIT 70N	U28,U29	EA	2.000
21352124200	REGULATOR BUCK 3A SPAK	U26,U27,U32	EA	3.000
21352124300	SUPERVISOR DUAL 1.5&3.3 WITH PF	U23	EA	1.000
21352124400	DUAL DIGITAL POTENTIOMETER SPI	U9,U10,U39	EA	3.000
21352124700	SENSOR THERMAL SPI	U24	EA	1.000
21352124900	MONOLITHIC AMPLIFIER DC TO 2G	A1	EA	1.000
21352125000	RF PHASE SHIFTER	U13	EA	1.000
21352125100	REGULATOR SWITCHER 5A TO263	U31	EA	1.000
21352125200	REGULATOR LDO FAST 1.5A	U25	EA	1.000
21352125300	REGULATOR ULDO 3V 150MA	U18	EA	1.000
21352125400	REGULATOR ULDO 5V 150MA	U5,U12,U16	EA	3.000
21352125600	SCHOTTKY RECTIFIER 1A 100V	D7,D9,D13,D14	EA	4.000
21352125700	SCHOTTKY RECTIFIER 3A 60V	D8,D10,D12	EA	3.000

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עמ' 8 מתוך 10

טלמטיקס וויירלס בע"מ, רח' המלאכה 26, ת.ד. 1911, חולון 58117

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 Date: Nov-09-03 Sun 14:56
 Condition: Part Number 21409504400, Revision B

TELEMATICS WIRELESS LTD.

telematics wireless Ltd.

Parts List

Part Number	Part Description	Designations	Un-	Qty
Part Number: 21409504400 (Cont.)				
21352125800	MODULATOR I/Q	U11	EA	1.000
21352126200	TINY LOGIC 32 SC70	U22	EA	1.000
21352126300	TINY LOGIC 08 SC70	U38	EA	1.000
21352126400	VARACTOR MA4ST320-1141T	D5,D6	EA	2.000
21352128100	MMIC RF SWITCH	U1,U2	EA	2.000
21352128800	SP4T 2.5V HIGH PWR SW DC-3 GHZ	U4	EA	1.000
21352128900	DUAL LOW-OWR R-TO-R I/O OP AMPS	U6,U7,U40	EA	3.000
21352129000	3.3V SW-SEL RS232/RS422 TRCV	U33	EA	1.000
21352129100	DUAL RS232 TRCV ESD 1MBPS	U34,U35	EA	2.000
21352201700	1 PORT SAW RES. 925MHz +/-200KHz	Y1	EA	1.000
21352401000	OSCILLATOR 40MHZ 3.3V 50PPM	Y2	EA	1.000
21352402000	TCXO 16MHZ	X1	EA	1.000
21353100300	MINIATURE SWITCH	SW1	EA	1.000
21353304300	D-TYPE 9S RIGHT ANGLE	J11,J12,J13	EA	3.000
21353305500	MICRO HEADER 5X2 0.05"	J7	EA	1.000
21353306000	HEADER 7X2 P-2.54 H-5.84 SMT	J9	EA	1.000
21353306100	SMA RIGHT ANGLE JACK (LONG)	J1,J2,J3,J4,J5	EA	5.000
21353308500	HEADR MINIFIT 5.20MM RA DUAL ROW	J10	EA	1.000
21353308700	MICRO HEADER 17X2 0.05"	J8	EA	1.000
21361703200	CAP TAN E 10UF 50V 20%	C227	EA	1.000
21361703500	CAP TAN E 330UF 6.3V 10%	C120,C219,C220,C223,C233,C239	EA	6.000
21361800800	47MH SMT POWR INDUCTORS	L40,L41	EA	2.000

- Continued on next page -

עמ' 9 מתוך 10

טלמטיקס וויירלס בע"מ, רח' המלאכה 26, ת.ד. 1911, חולון 58117

טל': 5575700 (03), פקס: 5575703 (03) e-mail: eddy@telematics-wireless.com

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 Date: Nov-09-03 Sun 14:56
 Condition: Part Number 21409504400, Revision B

TELEMATICS WIRELESS LTD.

telematics wireless Ltd.

Parts List

Part Number	Part Description	Designations	Un-	Qty
Part Number: 21409504400 (Cont.)				
21362107800	DIODE SCHOTTKY MBRD660CT	D11	EA	1.000
23531702600	CAP TAN D 47UF 16V	C230,C235,C245	EA	3.000
23531705400	CAP X7R 0603 220NF 10V	C154	EA	1.000
23531716100	CAP TAN A 3.3UF 16V 20%	C242	EA	1.000
23533306100	D-TYPE 25S R.A	J6	EA	1.000

- End of report -

עמ' 10 מתוך 10