

ERP	Description	Location
101399-000075-00	0402-0Ω, 1/16W, ± 5%, SMD resistor	R187
101399-000095-00	0402-51Ω,1/16W,±5%, SMT resistance	R131,R191
101399-000076-00	0402-100Ω,1/16W,±5%, SMT resistance	R120,R122,R123,R162,R168,R171,R209,R210, R216,R237,R238,R239
101301-000046-00	0603-240Ω,SMT resistance	R160
101301-000006-00	0603-300Ω,SMT resistance	R199,R203,R229
101301-000009-00	0603-560Ω,SMT resistance	R118,R215
101301-000010-00	0603-680Ω,SMT resistance	R1,R2
101301-000041-00	0603-820Ω,SMT resistance	L19,R112,R113,R114,R115,R127,R134,R135,R 139,R140,R148,R149,R153,R154,R155,R156,R 157,R158,R163,R165,R169,R170,R207,R208,R 211,R212,R213,R214,R218,R220,R224,R225,R 231,R232,R233,R234,R235,R236
101301-000002-00	0603-1kΩ,SMT resistance	R12,R21,R86,R89,R177,R241
101301-000024-00	0603-1.2kΩ,SMT resistance	R107
101301-000011-00	0603-1.5kΩ, SMT resistance	R94
101301-000014-00	0603-1.6kΩ,SMT resistance	R121,R217
101301-000057-00	0603-2.2kΩ, SMT resistance	R30,R31
101301-000042-00	0603-3kΩ,SMT resistance	R87,R179,R180,R243,R244
101301-000047-00	0603-4.7kΩ,SMT resistance	R4,R5,R13,R17
101301-000019-00	0603-5.1kΩ,SMT resistance	R88,R181,R245
101301-000702-00	0603-10kΩ,1/16W,±1%, SMT resistance	R45,R252
101301-000018-00	0603-10kΩ, SMT resistance	R14,R15,R19,R27,R28,R32,R36,R48,R64,R73, R76,R108,R145,R176,R182,R183,R195,R226,R 240,R246,R247
101301-000021-00	0603-100kΩ, SMT resistance	R22,R33
101301-000191-00	0603-120kΩ,SMT resistance	R85
101304-000001-00	2010-1Ω, chip resistors	R82
101499-000046-00	0402-10pF,C0G,50V,±0.5pF, SMT capacitance	C77,C89,C92,C159,C160,C207,C215,C241,C24
101499-000048-00	0402-12pF, C0G, 50V, ± 5%, chip capacitors	C135,C195
101499-000067-00	0402-33pF,C0G,50V,±5%,SMT capacitance	C134,C194
101499-000045-00	0402-100pF,C0G,50V,±5%,SMT capacitance	C67,C69,C73,C78,C90,C96,C98,C100,C114,C1 15,C117,C133,C136,C138,C139,C145,C146,C1 47,C165,C167,C169,C176,C177,C185,C187,C1 93,C199,C200,C206,C217,C221,C229,C232,C2
101499-000044-00	0402-1000pF,X7R,50V,±10%,SMT capacitance	C76
101499-000033-00	0402-0.01uF,X7R,25V,±10%,SMT capacitance	C68,C70,C74,C79,C93,C97,C99,C118,C137,C1 40,C141,C142,C143,C144,C166,C168,C175,C1 78,C201,C202,C203,C219,C227,C230,C247,C2
101499-000030-00	0402-0.1uF,X5R,16V,±10%,SMT capacitance	C72
101499-000091-00	0402-0.1μF,X7R,16V,±10%, SMT capacitance	C95,C164,C220,C244
101499-000054-00	0402-1μF,X5R,6.3V,±20%,SMT capacitance	C113,C132,C184,C192,C257
101401-000034-00	0603-2.2pF,NP0,50V,±0.25pF,SMT capacitance	C120
101401-000171-00	0603-2.7pF,GQM1885C2A2R7CB01D,SMT capacitance	C188
101401-000019-00	0603-3pF,NP0,50V,±0.25pF,SMT capacitance	C197,R173,R175
101401-000073-00	0603-3.3pF,NP0,50V,±0.25pF,SMT capacitance	C88,C189,C196
101401-000030-00	0603-4.7pF,NP0,50V,±0.25pF,SMT capacitance	C80
101401-000029-00	0603-22pF,C0G,50V,±5%,SMT capacitance	C108,C180
101401-000067-00	0603-30pF,C0G,50V,±5%,SMT capacitance	C21,C22
101401-000059-00	0603-47pF,C0G,50V,±5%,SMT capacitance	C91

101401-000007-00	0603-100pF,C0G,50V,±5%,SMT capacitance	C34,C40,C43,C81,C82,C83,C84,C85,C86,C87,C116,C125,C127,C129,C148,C149,C150,C151,C152,C153,C154,C155,C156,C157,C158,C163,C171,C173,C174,C181,C186,C190,C198,C204,C205,C208,C209,C210,C211,C212,C213,C218,C226,C228,C233,C234,C235,C236,C237,C238,
101401-000005-00	0603-820pF,NPO,50V,±5%,SMT capacitance	C112
101401-000001-00	0603-0.01μF,X7R,50V,±10%,SMT capacitance	C33,C103,C104,C105,C106,C122,C130,C182,C183,C252,C253
101401-000002-00	0603-0.1μF,X7R,25V,±10%,SMT capacitance	C2,C4,C10,C12,C13,C14,C15,C16,C17,C18,C19,C20,C23,C24,C25,C26,C27,C29,C38,C39,C41,C44,C123,C128
101401-000081-00	0603-0.33μF,X7R,25V,±10%,SMT capacitance	C45,C126
101401-000028-00	0603-1μF,X7R,10V,±10%,SMT capacitance	C42,C46
101402-000086-00	0805-2.2μF,X7R,25V,±10%,SMT capacitance	C121
101403-000036-00	1206-1uF/50V,12065G105ZAT2A,SMT capacitance	C11
101499-000104-00	1210-22μF,X7R,16V,±20%, SMT capacitance	C7,C9,C124
101408-000300-00	10μF,Ta,10V,±10%,SMT capacitance	C1,C3,C28
101499-000014-00	NFM21CC222R1H3, capacitance	C131,C191,C255
101505-000029-00	0603-4.3nH, ± 5%, SMD ceramic core wire-wound inductors	L6
101505-000002-00	0603-4.7nH,±10%, SMT inductance	L22,L24
101503-000132-00	0603-5.6nH,±10%, SMT inductance	L38
101505-000031-00	0603-6.8nH, ± 5%, SMD ceramic core wire-wound inductors	L17,L37
101502-000064-00	0603-8.2nH,±10%, Inductance	L9,L14,L33
101505-000003-00	0603-10nH,±5%, SMT inductance	L39
101502-000049-00	0603-15nH,±5%, SMT inductance	L34
101502-000055-00	0603-18nH,±5%, SMT inductance	R174
101505-000130-00	0603-39nH,±10%, SMT inductance	L20
101502-000051-00	0603-47nH,±5%, SMT inductance	L18,L31
101504-000029-00	0603-82nH,±5%, SMT inductance	L25
101504-000026-00	0603-100nH, ± 5%, SMD ceramic core wire-wound inductors	L26,L45,L46
101501-000092-00	0603-150nH,±10%, SMT inductance	L8
101501-000063-00	0603-470nH, SMT inductance	L13,L21,L27,L40,L44
101501-000046-00	0603-1μH,SMT inductance	L7,L12,L41
101502-000020-00	0805-8.2nH,±5%, SMT inductance	L11
101501-000053-00	0603-10Ω,1000mA SMT bead	F10,F11,F12,F13,F14,F17,F18,F19,F20,F21,F22,F25,F26,F27,F29,F30
101501-000064-00	0805-70Ω,2500mA,SMT magnetic bead	F3,F7,F8
101501-000094-00	PB160808L110Y1A5T,SMT bead	F1
101501-000083-00	PB160808L110Y3A0T,SMT magnetic bead	F15,F16,F23,F24
101501-000087-00	PB451616L300Y3A0T, SMT magnetic bead	F2,F5
101601-000144-00	0805, SMT LED red	P3
101601-000011-00	HSMP-3814-TR1G, diode	U18,U34
101601-000037-00	HSMS-2850-TR1G, diode	D6,D7,D8,D9
101601-000094-00	UDD32C05L01,5V,TVS tube	D3,D4,D5
101601-000049-00	SMT diode (green)	P1
101601-000036-00	SMT diode (red)	P2
101602-000020-00	MMBT3904_NL, switch diode (NPN)	K1,K2,K3
101602-000019-00	NJM78L03UA-(TE1),SMT IC	U23
101604-000546-00	LPC2136FBD64/01, micro-controler	U8
101604-000626-00	ADL5602ARKZ-R7, amplifier	U35,U38
101604-000169-00	INA138NA/3KG4, circuit detect IC	U11

101604-000010-00	LM258DR2G,SMT IC	U30,U31,U39
101604-000119-00	LP2985AIM5-5.0,NOPB, regulated block	U22
101604-000164-00	LP38692MP-ADJ/NOPB, power chip	U12
101604-000139-00	LTC1480IS8PBF,3.3V,RS485 transceiver	U9
101604-000788-00	MB85RC64-G, serial FRAM	U7
101604-000092-00	SPX1117M3-L-3.3,SOT223, chip	U1
101604-000160-00	TMP125AIDBV, temperature sensor	U6
101604-000257-00	TPS3823-33, monitor circuit chip	U4
101608-000247-00	MGA-30689, amplifier	U26,U27
101608-000145-00	SBB-3089Z, small and medium power amplifier tubes	U29
101608-000099-00	SBB-5089Z, amplifier tube	U24
101608-000070-00	SKY67101-396LF, LNA tube	U16
101609-001040-00	SBB-2089Z,amplifier	U20
101611-000049-00	RFXF6553, barron	T1,T2
100903-000027-00	DFCH3815MHDJAA-RF1,ceramic filter	Z3,Z6,Z7
100903-000148-00	HP878N8N32FA,ceramic filter	Z9
102003-000254-00	FJ2-10ZIJ,2.54mm,2x10, double socket	X2
102003-000053-00	FJ2-5ZIJ, 2mm, 2 x 5, double socket	X1
100501-000034-00	SMA-KHD14,cable connector	X3,X6
100501-000003-00	SMA-KHD58, cable connector	X4,X5
101301-000003-00	0603-0 $\Omega$ ,SMT resistance	L2,R7,R10,R11,R20,R23,R25,R35,R37,R255
101301-000183-00	0603-22 $\Omega$ ,SMT resistance	R95
101301-000043-00	0603-100 $\Omega$ ,SMT resistance	R90,R98,R99,R100
101301-000036-00	0603-200 $\Omega$ ,SMT resistance	R97
101301-000042-00	0603-3k $\Omega$ ,SMT resistance	R91
101301-000047-00	0603-4.7k $\Omega$ ,SMT resistance	R3,R79
101301-000018-00	0603-10k $\Omega$ , SMT resistance	R93
101301-000021-00	0603-100k $\Omega$ , SMT resistance	R81
101301-000020-00	0603-200k $\Omega$ ,SMT resistance	R80
101302-000025-00	0805-1k $\Omega$ , SMT resistance	R84
101303-000001-00	1206-0 $\Omega$ ,SMT resistance	R253
101499-000045-00	0402-100pF,C0G,50V, $\pm$ 5%,SMT capacitance	C48,C269,C271
101499-000044-00	0402-1000pF,X7R,50V, $\pm$ 10%,SMT capacitance	C60
101499-000033-00	0402-0.01uF,X7R,25V, $\pm$ 10%,SMT capacitance	C64,C268,C270
101499-000091-00	0402-0.1 $\mu$ F,X7R,16V, $\pm$ 10%, SMT capacitance	C49
101401-000079-00	0603-6.8pF,C0G,50V, $\pm$ 0.5pF,SMT capacitance	C272,C273
101401-000041-00	0603-10pF,50V,C0603CG100J500WT,SMT capacitance	C61,C62
101401-000007-00	0603-100pF,C0G,50V, $\pm$ 5%,SMT capacitance	C50,C52,C53,C54,C55,C223,C225,C265,C267
101401-000060-00	0603-390pF,C0G,50V, $\pm$ 5%,SMT capacitance	C261,C262
101401-000001-00	0603-0.01 $\mu$ F,X7R,50V, $\pm$ 10%,SMT capacitance	C258,C259,C260,C274
101401-000016-00	0603-0.033 $\mu$ F,X7R,50V, $\pm$ 10%,SMT capacitance	C51
101401-000002-00	0603-0.1 $\mu$ F,X7R,25V, $\pm$ 10%,SMT capacitance	C5,C6,C8,C224,C266
101401-000081-00	0603-0.33 $\mu$ F,X7R,25V, $\pm$ 10%,SMT capacitance	C222,C264
101402-000014-00	0805-100pF,NPO,50V, $\pm$ 5%,SMT capacitance	C32,C36
101402-000003-00	0805-0.1 $\mu$ F,X7R,50V, $\pm$ 10%, SMT capacitance	C31,C35
101408-000042-00	100 $\mu$ F,Ta,20V, $\pm$ 20%,SMT capacitance	C37
101502-000056-00	0603-33nH, $\pm$ 5%, SMT inductance	L49
101505-000009-00	0603-68nH, $\pm$ 2%, L-14W68NGV4, SMD wirewound inductors	L1
101501-000053-00	0603-10 $\Omega$ ,1000mA SMT bead	F9,F28,F31,F32
101501-000038-00	0805-470nH, $\pm$ 5%, SMT inductance	L47

101501-000064-00	0805-70Ω,2500mA,SMT megnetic bead	F4
101501-000087-00	PB451616L300Y3AOT, SMT magnetic bead	F6
101602-000020-00	MMBT3904_NL, switch diode (NPN)	K4,K5
101602-000019-00	NJM78L03UA-(TE1),SMT IC	U13,U36
101604-001024-00	DAC104S085C1MM, DA transceiver chip	U3
101606-000075-00	IRF7304PBF, switch tube	U10
101606-000067-00	SN74HC595DR, register	U2
101609-000032-00	AG302-86G, amplifier	U15
100903-000037-00	LFCN-1000+, LP filter	Z1
100904-000074-00	TKL3010A,5032-12.8MHz, TCXO	B2
100904-000051-00	HC-49/S 11.0592MHz, oscillator	B1
200306-004116-00	PLL-LMX2531-3009, PLL board	U14
101726-000643-00	RA-850UDA-5001PC,FR4,PCB	