

Bill of Material for Lr911v24.Bom

05/07/2001

Used	Part Type	Designator	Footprint	Part Field 1	Part Field 2	Part Field 3	Part Field 4
2	0.5pF	C46 C62	0603S	Cap, Chip	PCC0R5CVCT-ND	+-.25pF,NPO,50V	Panasonic
2	1.0pF	C61 C63	0603S	Cap, Chip	PCC010CVCT-ND	+-.25pF,NPO,50V	Panasonic
5	2.0pF	C60 C85 C86 C89 C90	0603S	Cap, Chip	PCC020CVCT-ND	+-.25pF,50v	Panasonic
6	3.3pF	C28 C40 C42 C43 C87 C88	0603S	Cap, Chip	140-CC504N3.3C/Mouser	+-.1pF,50v	XICON
5	33pF	C55 C103 C104 C105 C106	0603S	Cap,Chip	PCC330ACVCT-ND/DIGIKEY	+-.5%,50V	PANASONIC
4	180pF	C108 C109 C112 C113	0603S	CAP,CHIP	PCC181ACVCT-ND/DIGIKEY	5%,50v	PANASONIC
26	220pF	C10 C12 C14 C15 C18 C22 C24 C27 C29 C31 C33 C35 C41 C45 C54 C57 C58 C59 C64 C65 C66 C67 C73 C74 C75 C76	0603S	Cap. Chip	PCC221BVCT-ND/DIGIKEY	10%,50V	Panasonic
2	470pF	C94 C97	0603S	CAP,CHIP	PCC471BVCT-ND/DIGIKEY	10%,50V	PANASONIC
2	4700pF	C47 C48	0603S	Cap, Chip	PCC472BVCT-ND/DIGIKEY	10%,50V	Panasonic

2	10000pF	C25 C49	0603S	Cap, Chip	PCC1784CT-ND/DigiKey	+-10%, 50V	Panasonic
4	39000pF	C107 C110 C111 C114	0603S	CAP, CHIP	PCC1770CT-ND/DIGIKEY	10%.25V	PANASONIC
38	0.1uF	C3 C5 C7 C8 C13 C16 C17 C19 C21 C23 C26 C30 C32 C36 C38 C53 C56 C68 C69 C70 C71 C79 C81 C83 C84 C92 C93 C96 C99 C100 C102 C115 C116 C117 C118 C119 C120 C121	0603S	Cap, Chip	PCC1794CT-ND/DIGIKEY	+80%/-20%, 25V	Panasonic
2	0.10uF	C95 C98	0603S	Cap, Chip	PCC1762CT-ND/DIGIKEY	+-10%, 16V	Panasonic
2	1.0uF, 16V	C77 C78	0805S	Cap, Chip	PCC1849CT-ND/DIGIKEY	+80%-20%, 16V	Panasonic
8	1.0uF	C6 C11 C34 C50 C72 C80 C82 C91	0603S	Cap, Chip	PCC1787CT-ND/DIGIKEY	+80%-20%, 10V	Panasonic
3	10uF, 16V	C9 C20 C101	3528P	Cap., Tant	TAJ106K0116R/AVX	+-20%, 16V	AVX
1	33uF, 20V	C39	7343	Cap, Tant	TPSD336K020R0200	+-10%, 20V, Low ESR	AVX
7	330uF	C1 C2 C4 C37 C44 C51 C52	7343	Cap, Tant	LSR330/6HK100	+-10%, 6.3V, Low ESR	NEMCO

1	18	R12	0603S	RES.CHIP	P18GCT-ND/DIGIKEY	5% 1/16W	PANASONIC
2	22	R64 R76	0603S	RES.CHIP	P22GCT-ND/DIGIKEY	5% 1/16W	PANASONIC
1	33	R18	0805S	RES.CHIP	P33ACT-ND/DIGIKEY	5% 1/10W	PANASONIC
3	100	R31 R32 R33	0603S	RES.CHIP	P100GCT-ND/DIGIKEY	5% 1/16W	PANASONIC
2	100	R34 R35	1206S	RES.CHIP	P300EMG-ND/DIGIKEY	5% 1/8W	PANASONIC
2	150	R17 R19	0805S	RES.CHIP	P150ACT-ND/DIGIKEY	5% 1/10W	PANASONIC
8	300	R1 R2 R3 R7 R11 R13 R20 R38	0603S	RES.CHIP	P300GCT-ND/DIGIKEY	5% 1/16W	PANASONIC
3	390	R9 R10 R14	0603S	RES.CHIP	P390GCT-ND/DIGIKEY	5% 1/16W	PANASONIC
4	470	R4 R5 R6 R8	0603S	RES.CHIP	P470GCT-ND/DIGIKEY	5% 1/16W	PANASONIC
2	560	R67 R68	0603S	RES.CHIP	P560GCT-ND/DIGIKEY	5% 1/16W	PANASONIC
4	820	R15 R16 R45 R73	0603S	RES.CHIP	P820GCT-ND/DIGIKEY	5% 1/16W	PANASONIC
12	1.0K	R23 R30 R46 R47 R56 R57 R58 R59 R71 R72 R74 R75	0603S	RES.CHIP	P1.0KGCT-ND/DIGIKEY	5% 1/16W	PANASONIC
1	2.0K	R40	0603S	RES.CHIP	P2.0KGCT-ND/DIGIKEY	5% 1/16W	PANASONIC
3	4.7K	R26 R28 R29	0603S	RES.CHIP	P4.7KGCT-ND/DIGIKEY	5% 1/16W	PANASONIC
10	5.1K	R48 R49 R50 R51 R52 R53 R54 R55 R65 R66	0603S	RES.CHIP	P5.1KGCT-ND/DIGIKEY	5% 1/16W	PANASONIC

3	10K	R21 R36 R37	0603S	Res,Chip	P10KGCT-ND/DigiKey	+ -5%,1/16W	Panasonic
7	22K	R22 R60 R61 R62 R63 R69 R70	0603S	RES.CHIP	P22KGCT-ND/DIGIKEY	5% 1/16W	PANASONIC
1	27K	R25	0603S	Res,Chip	P27KGCT-ND/DIGIKEY	5% 1/16W	Panasonic
2	82K	R24 R41	0603S	Res,Chip	P82KGCT-ND/DIGIKEY	5% 1/16W	Panasonic
1	270K	R39	0603S	Res,Chip	P270KGCT-ND/DIGIKEY	5% 1/16W	Panasonic
1	1.5nH	L17	0603S	Induc. Chip	PCD1284CT-ND/Digikey	+ -0.3nH,500mA	Panasonic
2	2.7nH	L3 L5	0603S	Induc. Chip	PCD1287CT-ND/Digikey	+ -0.3nH,500mA	Panasonic
1	3.3nH	L12	0603S	Induc. Chip	PCD1288CT-ND/Digikey	+ -0.3nH,500mA	Panasonic
2	3.9nH	L11 L13	0603S	Induc. Chip	0603CS-3N9X_B_	+ -5%,700mA	CoilCraft
1	4.7nH	L9	0603S	Induc. Chip	0603CS-4N7X_B_	+ -5%,700mA	CoilCraft
1	8.2nH	L6	0603S	Induc. Chip	PCD1293CT-ND/Digikey	+ -0.2nH,400mA	Panasonic
2	10nH	L18 L19	0603S	Induc. Chip	0603CS-10NX_B_	+ -5%,700mA	CoilCraft
1	22nH	L8	0603S	Chip High Cur.	0603HC-22NX_B_	99mOhm,1.8A	CoilCraft
1	27nH	L4	0603S	Induc. Chip	0603CS-27NX_B_	+ -5%,700mA	CoilCraft
1	100nH	L14	0603S	Induc. Chip	0603CS-R10X_B_	+ -5%,400mA	CoilCraft
1	22uHn	L16	CDRH104R	Power Ind.	SDRH104R-220	74mOhm, 2.9A	Sumida
2	100uH	L1 L10	3225S	Ind. SMD	PCD1032CT-ND/DIGIKEY	100uH,60mA	Panasonic
1	100uH	L2	D10F	Power Induc.	TKS5472CT-ND	0.270hm,1.05A	TOKO
1	100uH	L15	D73F	Ind. SMD	TKS2538CT-ND/DIGIKEY	100uH,0.38A	TOKO
1	1.0mH	L7	43FS	Induc. Chip	TKS1249CT-ND	50 Ohm, 40mA	TOKO
1	B140T	D2	B140	SCHTKY,SMD	B140DICT-ND/DigiKey	1A,40V	DIODES Inc.
6	HSMS-2822	U12 U13 U14 U15 U24 U25	SOT-23	Diode Shottky	#L30/ALLIED	Dual	HP
3	SMBJ5.0A	D3 D4 D6	LITE-SMB	Tran.Suppr.	SMBJ5.0A	65A	VISHAY
3	SMBJ12C	D7 D8 D9	LITE-SMB	DIODE, TVS	SMBJ12CA	12V, 600W	VISHAY
1	SMBJ15A	D5	LITE-SMB	Tran.Suppr.	SMBJ15A	23A	VISHAY
8	BSS138	Q1 Q2 Q3 Q4 Q5 Q6 Q8 Q9	SOT-23	MOSFET N-CHAN	BSS138CT-ND/DIGIKEY	50V,6 OHM	NATIONAL

2	2N7002	Q10 Q11	SOT-23	MOSFET N-CHAN	2N7002NCT-ND/DigiKey	60V,7.5 OHM	FIRECHILD
1	8 MHz	Y1	XTAL1M	Crystal	895-0682/Allied	8.000 MHz	XT49S-20VISHAY
1	CB3-3C-10.000	U1	ECLIP4	Cryst.Osc.	CTX265-ND/DigiKey	10.000MHZ	CTS
1	TK11233BMC	U2	SO-G6/Z4	Volt.Reg.	TK11233CT-ND	3.3V,260mA	TOKO
1	SI4133G	U3	SSO-24/G4.2	Synthes.	SI4133G-BT	0.75...1.8GHz	Silicon Lab.
1	MAX2232	U4	SSOP-16/G4.2	Power Ampl	MAX2232EEE	+24dBm,24dB	MAXIM
1	MAX2235	U5	SSOP-20/G4.2m	Power Ampl	MAX2235EUP	+30dBm,26dB	MAXIM
1	MIC2178	U6	SO-G20/C9.35	Buck Reg	MIC2178BWM	Adjustable	MICREL
1	MAX4053ACSE	U7	SO-16	Switch	MAX4053ACSE	3 SPDT	MAXIM
2	UPG137	U8 U9	SSO-8	MW Switch	551-UPG137GV/Mouser	+34dBm	NEC
1	7404	U10	SO-14	Invert.	MC74HC04D	6 inv.	Motorola
2	AT90S2323	U11 U20	SO-8W	Processor	AT90S2323	8 MHz	ATMEL
2	AD8054	U16 U17	SO-14	QUAD OPAMP	AD8054AR/AD	QUAD	AD
1	MAX548A	U18	SSO-8/Y1.5	DAC	MAX548AEUA	Dual	MAXIM
1	DS14C232CM	U21	SO-16	RS232 Trans.	DS14C232CM	Dual	NS
1	ATMEGA163	U22	QFP44	Processor	ATMEGA163	8 MHz	ATMEL
2	MMBD7000	U23 U26	SOT-23	Diode	MMBD7000DICT	Dual	VISHAY
1	UT-85	P2	UT-85	Coax.Cable	UT-85	50 Ohm, L=5"	
2	HEADER 2	JP6 JP7	HDR1X2M	Head.Male	A1916-ND/DigiKey	2 Pins, 0.1"Grid	640453-2/AMP
3	HEADER 6	JP3 JP4 JP5	HDR1X6M	Head.Male	A1918-ND/DigiKey	6 Pins, 0.1"Grid	640453-6/AMP
1	HEADER 10	P1		EMI Filter	7812-1000-VC	10 Pins, 0.1"Grid	TUSONIX