

# Part List of: ELB117MA

<u>Cat.No.</u>	<u>Rev:</u>	<u>Description</u>	<u>Manuf. P/N</u>	<u>Qty</u>	<u>Location</u>
<b>DIO001</b>		Diode SMD (5A/KA2)	MMBD4148 MMBD4148-7 MMBD6050LT1 MMBT6050LT1	4	D16,D17,D18,D202
<b>DIO002</b>		Diode SMD (4D)	MMBV3401LT1	1	D201
<b>DIO006</b>		Schottcky Diode SMD 1A 40V	B140-13 B140-7 MBRS140T3	1	D19
<b>DIO011</b>		UHF Variable Capacitance Diode SMD (BB134) T&R	BB134TR BB134TR/T1	1	D8
<b>FBD002</b>		Ferrite Bead SMD 1206	BLM31P500SPT CIC31P500NE CIC31P500NE/C FBM3216HS800-T	11	L8,L14,L16,L20,L121,L122,L123, L131,L134,L136,L139
<b>FBD003</b>		Ferrite Bead SMD 0805	CIB21P260NES	6	L120,L125,L130,L132,L137,L138
<b>FBD005</b>		Ferrite Bead SMD 0603 1K @100MHz	CIM10U102NC	1	L128
<b>ICS060</b>		ICS SMD MB1501PF FUJITSU	MB1501PF MB1501PF FUJITSU MB1501PF-ER	1	U4
<b>ICS061</b>		ICS SMD LP2951CD	LP2951 LP2951-02BM LP2951CD LP2951CD SMD LP2951CM LP2951CMX	3	U5,U6,U7
<b>ICS062</b>		ICS SMD X24C02	24LC02B/SN AT24C02-10SC T/R AT24C02N-10SC X24C02	1	U1
<b>ICS063</b>		ICS SMD LM293D	ICS063 LM293D LM293D/LM393D LM293DR/LM393D	1	U2
<b>ICS076</b>		ICS SMD Timer MC14536BDW	MC14536BDW	1	U11
<b>ICS101</b>		ICS SMD Decade Counter	HEF4017BT MC14017BDR2	1	U9
<b>LED1000</b>		Led red SMD 1.8mm Round	42-21SURCS530A2	2	LED1,LED2
<b>PCB084</b>	1.0	PCB for MTUWP1		1	
<b>RES1007</b>		Res. Chip 0805 10K 5% 1/8W	RC0805JR-0710K RC2012J103CS	1	R54
<b>RES1009</b>		Res. Chip 0805 10 OHM 5% 1/8W	RC2012J100CS	1	R78
<b>RES1013</b>		Res. Chip 0805 100 OHM 5% 1/8W	RC2012J101CS	1	R1000
<b>RES1014</b>		Res. Chip 0805 180 OHM 5% 1/8W	RC2012J181CS	1	R64
<b>RES1037</b>		Res. Chip 0805 18 OHM 5% 1/8W	RC2012J180CS	2	R69,R167
<b>RES1045</b>		Res. Chip 0805 300 OHM 5% 1/8W	RC2012J301CS	2	R71,R72
<b>RES2000</b>		Res Chip 0603 4.7K 5% 1/10W	RC0603JR-074K7 RC1608J472CS	6	R11,R24,R49,R57,R66,R73
<b>RES2001</b>		Res Chip 0603 47K 5% 1/10W	RC0603JR-0747K RC1608J473CS	1	R33
<b>RES2003</b>		Res Chip 0603 22K 5% 1/10W	RC1608J223CS	1	R31
<b>RES2004</b>		Res Chip 0603 100 OHM 5% 1/10W	RC1608J101CS	3	R59,R67,R118
<b>RES2005</b>		Res Chip 0603 15 OHM 5% 1/10W	RC1608J150CS	1	R48
<b>RES2006</b>		Res Chip 0603 150K 5% 1/10W	RC1608J154CS	1	R29
<b>RES2007</b>		Res Chip 0603 10K 5% 1/10W	RC1608J103CS	6	R39,R42,R201,JP18,JP19,JP20
<b>RES2008</b>		Res Chip 0603 300 OHM 5% 1/10W	RC1608J301CS	2	R50,R51
<b>RES2009</b>		Res Chip 0603 10M 5% 1/10W	RC1608J106CS	1	R46
<b>RES2010</b>		Res Chip 0603 8.2K 5% 1/10W	RC1608J822CS	3	R61,R62,R74
<b>RES2011</b>		Res Chip 0603 3.3K 5% 1/10W	RC1608J332CS	1	R68

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RES2012		Res Chip 0603 2.2K 5% 1/10W	RC0603JR-072K2 RC1608J222CS	7	R3,R12,R13,R38,R40,R84,R86
RES2013		Res Chip 0603 1K 5% 1/10W	RC0603JR-071K RC1608J102CS	9	R20,R22,R60,R65,R91,R116,R122, R203,R240
RES2014		Res Chip 0603 51 OHM 5% 1/10W	RC1608J510CS	2	R75,R76
RES2015		Res Chip 0603 1M 5% 1/10W	RC1608J105CS	11	R5,R9,R15,R17,R26,R123,R124,R160, R204,R221,R242
RES2016		Res Chip 0603 100K 5% 1/10W	CR10-104J-T RC0603JR-07100K RC1608J104CS	12	R19,R28,R32,R41,R43,R44,R63,R77, R119,R164,R207,R241
RES2018		Res Chip 0603 820 OHM 5% 1/10W	RC1608J821CS	3	R45,R83,R85
RES2019		Res Chip 0603 10 OHM 5% 1/10W	RC1608J100CS	1	R47
RES2020		Res Chip 0603 12K 5% 1/10W	RC1608J123CS	1	R70
RES2022		Res Chip 0603 15K 5% 1/10W	RC1608J153CS	1	R202
RES2024		Res Chip 0603 68K 5% 1/10W	RC1608J683CS	1	R53
RES2027		Res Chip 0603 0 OHM 5% 1/10W	RC1608J000CS	8	JP10,JP11,JP12,JP13,JP14,JP15, JP16,JP17
RES2029		Res Chip 0603 5.6K 5% 1/10W	RC0603JR-075K6 RC1608J562CS	2	R56,R211
RES2031		Res Chip 0603 1.5M 5% 1/10W	RC0603JR-071M5 RC1608J155CS	3	R165,R219,R220
RES2032		Res Chip 0603 2.2M 5% 1/10W	RC0603JRI-072M RC1608J225CS	2	R158,R218
RES2043		Res Chip 0603 270K 5% 1/10W	RC1608J274CS	1	R205
RES2044		Res Chip 0603 620K 5% 1/10W	RC1608J624CS	1	R206
RES2045		Res Chip 0603 16K 5% 1/10W	RC1608J163CS	1	R212
RES2047		Res Chip 0603 150 OHM 5% 1/10W	RC0603JR-07150R RC1608J151CS	1	R90
SOC004		Chip Carrier PLCC-44-DIP	1342-044-099-010 4140-44TT1 6601-44-PPS CS21 44 11 000 LA440010 PLCC-44-T	1	U3
SWC1000		Switch SMD L=3.1mm Blue	IT-1109SMD3.1	1	SW1
TER002		Termistor 300 OHM	NTC-2C3000-5 NTC-300R TTC05301KS(TTC-301K)	1	T1
TRN004		Transistor SMD (1A)	MMBT3904 MMBT3904LT1 TRN004	3	Q2,Q3,Q27
TRN005		Transistor SMD FET (K72 / 702)	2N7002 2N7002LT1 SN7002 SN7002 T/R	7	Q4,Q20,Q28,Q201,Q202,Q204,Q205
TRN006		Transistor SMD PNP (2A / K3N)	MMBT3906 MMBT3906LT1 TRN006	5	Q1,Q6,Q12,Q13,Q18
TRN012		Transistor SMD PBR941 (VOp)	MMBR941LT1 PBR941	1	Q5
TRN017		SMD RF High Frequency Tran. 1 GHz , NPN	MRF5812 MRF5812R1	1	Q7
TRN018		RF Transistor	MRF630 MS1649	1	Q10
TRN032		Transistor SMD MMBR911LT1 (7P) APT	MMBR911LT1 (APT) MMBR911LT1 -APT MMBR911LT1(APT)	2	Q8,Q9

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VRS1003		Chip SMD Trimmer Potentiometer 2K	44WR2KTB 44WR2KTE POG5AN-1-202K	1	P1

	<b>Edited by</b>	<b>Approved by</b>
<u>Name:</u>	<i>Ludmila</i>	<i>[Signature]</i>
<u>Date:</u>	<i>11.11.04</i>	<i>11.11.04</i>
<u>Signature:</u>	<i>[Signature]</i>	<i>[Signature]</i>