

MRA2E – part list

Bill Of Materials for L9041D1.sch on Tue Sep 07 14:32:50 1999							
Item	Qty	Ref.	Prastel Code	Name	Value	Tol.	Description
1	1	C10		CEV OPT	10MF16V		Mini Vertical Electrolytic Capacitor
2	1	D6		1N4004 OPT			Rectifier Diode MELF SMT
3	1	J3					Soldering Terminal 10 pin
4	3	JP1 JP3-4		JP2			Soldering Jumper 2P
5	1	A2		Manufacturing			Manufacturing
6	1	BZ1		MEB-12C-5 OPT			Buzzer
7	1	A1		NOTE			Row Pitch, Dimension See Sample
8	1	R11		RSMD OPT	100K	5%	Resistor 0805 SMT
9	1	R13		RSMD OPT	470	5%	Resistor 0805 SMT
10	1	R12		RSMD OPT	47K	5%	Resistor 0805 SMT
11	2	C7-8	C10MV16M	CEV	10MF16V		Mini Vertical Electrolytic Capacitor
12	4	C1 C5 C9 C11	C10NCS	CSMD	10nF	Z5U	Ceramic Capacitor 0805 SMT
13	1	C6	C220V35	CEV	220MF35V		Vertical Electrolytic Capacitor
14	3	C2-4	CM10CS	CSMD	100nF	Z5U	Ceramic Capacitor 0805 SMT
15	1	J1	CON8FP	MXF95001			Vertical Plug 8P
16	1	TP1	CONN90F	483-045			Presa "F"
17	1	Z1	CSL421-1	L421-1	1.6mm/35um		PCB Double Side 64 X 72 mm
18	4	D2-5	D4004S	1N4004			Rectifier Diode MELF SMT
19	1	D1	DBAS16	BAS16			Signal Diode SOT23 SMT
20	1	LD1	DLED3R	LED03R			LED Diameter 3mm Red
21	1	F1	FUSA25R	R3-RXE-025			MultiFuse 250mA
22	1	L1	IA02	IA02			Air Inductor for Antenna
23	1	U5	IC78L05S1	LM78L05			Voltage Regulator DIP8 SMT
24	1	U4	IC78L09S1	LM78L09			Voltage Regulator DIP8 SMT
25	1	U3	IC93C86S	NWC93C86M8			256-Bit Serial EEPROM SMT
26	1	U1	ICPL118C	L9024F1			433MHz Receiver SIL Hybrid Circuit with Filter
27	1	U2	ICPL776A	PL776A			4 BIT Microcontroller SMT
28	1	J2	MICRO12F	MICRO-M12F-SE			Female Terminal 12P Side Entry
29	1	P1	PMETV2	SKHHLR			Pushbutton 90 8.35mm Type
30	1	JP8	PON01	JMP			Jumper 2P 2.54
31	2	JP6-7	PON01L	JMP			Jumper 2P 2.54
32	2	R8-9	R10KS	RSMD	10K	5%	Resistor 0805 SMT
33	1	R4	R1K0S	RSMD	1K	5%	Resistor 0805 SMT
34	4	R3 R5-7	R5K6S	RSMD	5K6	5%	Resistor 0805 SMT
35	1	X1	RISCER4	CST4MGW	4MHZ		Ceramic Resonator
36	1	R10	RK121W	RES	120 1W	5%	Resistor Carbon 1W
37	2	K1-2	RL09S	SY-9-K			Rele SPDT
38	2	R1-2	RM10S	RSMD	100K	5%	Resistor 0805 SMT
39	1	SC1	SCRIS				Resonator Shield 5x10 mm
40	1	JP5	STRIP90M3X4	3559P			Male Strip 90 3X4P 2.54X2.54
41	1	JP2	STRIPPIN3	JP2M-V90			Male Strip 90 2X1P 2.54X2.54mm
42	1	Q3	TBC807	BC807			PNP Small Signal Transistor SOT23 SMT
43	2	Q1-2	TBC817	BC817			NPN Small Signal Transistor SOT23 SMT
44	3	TP2-4	TP0INT	TP			Test-Point

MRA1E – part list

Bill Of Materials for L9041H1.sch on Tue Sep 07 14:36:17 1999							
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1	1	C10		CEV OPT	10MF16V		Mini Vertical Electrolytic Capacitor
2	1	D6		1N4004 OPT			Rectifier Diode MELF SMT
3	1	J3		JP2			Soldering Terminal 10 pin
4	1	JP1		JP2			Soldering Jumper 2P
5	1	A2		Manufacturing			Manufacturing
6	1	BZ1		MEB-12C-5 OPT			Buzzer
7	1	A1		NOTE			Row Pitch, Dimension See Sample
8	1	R11		RSMD OPT	100K	5%	Resistor 0805 SMT
9	1	R13		RSMD OPT	470	5%	Resistor 0805 SMT
10	1	R12		RSMD OPT	47K	5%	Resistor 0805 SMT
11	2	C7-8	C10MV16M	CEV	10MF16V		Mini Vertical Electrolytic Capacitor
12	4	C1 C5 C9 C11	C10NCS	CSMD	10nF	Z5U	Ceramic Capacitor 0805 SMT
13	1	C6	C220V35	CEV	220MF35V		Vertical Electrolytic Capacitor
14	3	C2-4	CM10CS	CSMD	100nF	Z5U	Ceramic Capacitor 0805 SMT
15	1	J1	CON8FP	MXF95001			Vertical Plug 8P
16	1	TP1	CONN90F	483-045			Pres "F"
17	1	Z1	CSL421-1	IL421-1	1.6mm/35um		PCB Double Side 64 X 72 mm
18	3	D3-5	D4004S	1N4004			Rectifier Diode MELF SMT
19	1	D1	DBAS16	BAS16			Signal Diode SOT23 SMT
20	1	LD1	DLED3R	LED03R			LED Diameter 3mm Red
21	1	F1	FUSA25R	R3-RXE-025			MultiFuse 250mA
22	1	L1	IA02	IA02			Air Inductor for Antenna
23	1	U5	IC78L05S1	LM78L05			Voltage Regulator DIP8 SMT
24	1	U4	IC78L09S1	LM78L09			Voltage Regulator DIP8 SMT
25	1	U3	IC93C86S	NMC93C86M8			256-Bit Serial EEPROM SMT
26	1	U1	ICPL118C	L9024F1			433MHz Receiver SIL Hybrid Circuit with Filter
27	1	U2	ICPL776A	PL776A			4 BIT Microcontroller SMT
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33	1	R4	R1K0S	RSMD	1K	5%	Resistor 0805 SMT
34	4	R3 R5-7	R5K6S	RSMD	5K6	5%	Resistor 0805 SMT
35	1	X1	RISCER4	CST4MGW	4MHZ		Ceramic Resonator
36	1	R10	RK121W	RES	120 1W	5%	Resistor Carbon 1W
37	1	K1	RL09S	SY-9-K			Rele SPDT
38	2	R1-2	RM10S	RSMD	100K	5%	Resistor 0805 SMT
39	1	SC1	SCRIS				Resonator Shield 5x10 mm
40	1	JP2	STRIPPIN3	JP2M\90			Male Strip 90 2X1P 2.54X2.54mm
41	1	JP5	STRIPPIN3(X4)	PH4-029/070/72ZC			Male Strip 90 2X4P 2.54X2.54mm
42	1	Q3	TBC807	BC807			PNP Small Signal Transistor SOT23 SMT
43	1	Q2	TBC817	BC817			NPN Small Signal Transistor SOT23 SMT
44	3	TP2-4	TP0INT	TP			Test-Point