

**PARTS LIST EXHIBIT FOR EASE SIMULATION INC., OBD ½ WIRELESS VEHICLE
INTERFACE**

FOR:	EASE Simulation, Inc.
FCC ID No:	O8A-WI-916
EUT:	OBD ½ Wireless Vehicle Interface
MANUFACTURER:	EASE Simulation Inc. State Route 492, Box 3011 New Milford, PA 18834 John Yuron 570-489-1063
Contact for any questions	Bridget A. Keesser bridget_keesser@instr.com

BOM for Base Unit

Assy Tree for: PCB-WBI12-1.1-916

Printed 8/18/2000

PCB-WBI12-1.1-916

PCB Assembly,Scan tool,Wireless l'face,Base,OBDII
916 MHz Scan Tool

Added C20 on 3/23/00

Type	PL	cost (10)
Revision	B	cost (50)
Status	U	cost (100)
Date	3/16/2000	cost (500)
By	MMC	Bin(LL,nn)

Item	Qty	Ref(t)	Title	Mfr	Mfr-P/N
1	1		PWB,Scan tool,Wireless l'face,OBDII,Base and Vehicle,unpopulated	Milplex Circuits, Inc.	WVI12 rev 1.1
2	1	U1	I.C.,IC-PIC16F876-20/SP, programmed	EASE	IC-WBI12-1.0-U1
3	1	U3	I.C.,RS232,Dual,5V	Texas Instruments	MAX232N
4	1	U4	I.C.,RF Transceiver,FSK,916 MHz	Linx Tech	TR-916-SC
5	1	U5	I.C.,5 Volt Regulator	National Semi.	LM2940CT-5.0
6	1	J2	Connector,9 Pin Female Right Angle DSUB .318 PCB Mount	RDI Electronics	DR-E9S-NJ-100
7	1	J3	Connector,2.5mm DC Pwr	CUI Stack	PJ-202B
8	1	J4	Connector, SMB,Jack,Vertical PCB mtg	Johnson Components	131-3701-271
9	1	HS1	Heat Sink, .5 inch	Aavid	577202B00000
10	1	HD4	Hardware,LED Standoff, 0.44 inch	VISUAL COMM. CO., INC.	STD 440 BLK
11	1	HD5	Hardware,LED Standoff, 0.32 inch	VISUAL COMM. CO., INC.	STD 320 BLK
12	1	Y1	Crystal/16Mhz/20 pF/Parallel/LoProfile	ECS	73-XT49S1600-20
13	1	HY1	Crystal Insulator, Mylar	Bivar	CI-192-028
14	1	D2	Diode 400 PIV	Diodes, Inc.	1N4004CT
15	1	D3	Transient Volt Suppressor/ 20V / 5W-SS / 600W-PK	Motorola	P6KE20A
16	2	D4 D5	LED,red/green,T1 3/4	QT Optoelectronics	MV5437
17	4	TVS1 TVS2 TVS3 TVS4	Transient Volt Suppressor,5mm,18V,125A,ZNR typeD	Panasonic	ERZ-V05D180
18	1	RP7	Resistor Network,220 Isol / 3 Resistor / 2% / .125W	Xicon	4606-102 Series
19	1	R1	Resistor,620 ohm,1/8w,5%	Yageo	620EBK
20	1	R9	Resistor,3K / 5% / .125W / CF	Yageo	3KEBK
21	2	JP1 JP2	Resistor,Zero Ohms	Yageo	0.0EBK
22	1	C1	Capacitor,330uF / 25V / AIElec / 20%	Panasonic	ECE-A1EU221

EASE Diagnostics, Inc.
State Route 492, Box 3011, New Milford, PA 18834
570-465-9060 Fax 570-465-9061

PCB-WBI12-1.1-916

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Assy Tree for: PCB-WBI12-1.1-916PCB Assembly,Scan tool,Wireless I'face,Base,OBDI
916 MHz Scan Tool**PCB-WBI12-1.1-916**

Rev B

Printed 8/18/2000

Item	Qty	Ref(t)	Title	Mfr	Mfr-P/N
23	1	C2	Capacitor,47uF / 16V / AIElec / 20%	Panasonic	ECE-A1CU470
24	2	C3 C4	Capacitor,27pF / Ceramic/100V / MLC / COG / 5%	Panasonic	ECU-S2A270JCA
25	4	C5 C6 C7 C8	Capacitor,0.1uF / 35V / Tant / 10%	Thomson	0.1K35V
26	4	C16 C18 C19 C20	Capacitor,0.1uF / 50V / MLC / Z5U / 20%	Xicon	21RZ310
27	1	C15	Capacitor,10uF / 35V / AIElec / 20%	Panasonic	ECE-A1VU100
28	1		socket,28 Pin Dip,Narrow		
29	1		SCREW,#6-32 X 3/8 PAN HEAD	Building Fasteners	PMS 632 0038 PH
30	1		washer,#6 split lock		
31	1		NUT,6-32 hex	Building Fasteners	HNZ632