TITLE: EnCADIS Design, Inc. BOM
DATE: 11/4/2008
DESIGN: b2_mod_vonhippel
ENG: Bob Pritchard
PCB_rev: v1.2
BOM rev: v1.2.2 Changed bicolor LED from Ledtronics to Dialight
NOTE: DNP=true means Do_Not_Populate

S.No.	Part Name	Value	Manufacturer	Order Code	Ref Des	Qty	DNP	JEDEC_TYPE
1	24C0X_8TSSOP_TSSOP8	-	ATMEL	AT24C02B-TH-T	U2	1		TSSOP8
2	74LVC1G125_SC70_5	-	TI	SN74LVC1G125DCKR	U12	1		SC70_5
3	74LVC2G14_SC70_6	-	TI	SN74LVC2G14DCKR	U6,U7	2		SC70_6
4	AD5259_MSOP10	50K	Analog	AD5259BRMZ50	U3	1		MSOP10
5	BEAD0603	2000MA	MURATA	BLM18PG121SN1D	BD1-BD3	3		BD0603
6	BZX585	5V1	NXP	BZX585-B5V1	D6,D7	2		SOD523
7	CAP0402	0.01 UF	AVX	0402YC103KAT2A	C11	1		C0402
8	CAP0402	0.1 UF	KEMET	C0402C104K9PACTU	C4,C6,C8,C9,C12-C14,	24		C0402
					C16-C29,C32-C34			
9	CAP0603	4.7 UF	KEMET	C0603C475K9PAC	C1-C3,C5,C7,C30	6		C0603
10	CAP0805	10 UF	ROHM	TCP0J106M8R	C15	1		SMD0805
11	HDR1X1_HDR1X1	-	TYCO	103327-1	J4,J5	2	TRUE	HDR1X1
12	HDR2X22_HDR2X22	-	SAMTEC	SSM-122-L-DV	J3	1		HDR2X22_SM
13	LED0603_SMD0603	RED	LEDTRONICS	SML0603-E3K-TR	D2	1		SMD0603
14	LED0603_SMD0603	YELLOW	LUMEX	SML-LX0603YW-TR	D3	1		SMD0603
15	LED0603_SMD0603	GREEN	LUMEX	SML-LX0603GW-TR	D4	1		SMD0603
16	LED0603_SMD0603	BLUE	LEDTRONICS	SML0603-B1K-TR	D5	1		SMD0603
17	LED_BI0606_BILED0606	RED/GREEN	Dialight	598-8410-207F	D1	1		BILED0606
18	LP38693SD_LLP6	-	National	LP38693SD-ADJ	U4	1		LLP6
19	LTC2487_DFN_DE	-	LinearTech	LTC2487CDE#PBF	U10	1		DFN_DE
20	MAX1558_TDFN10	-	MAXIM	MAX1558HETB+	U8	1		TDFN10
21	MAX3223E_SSOP20	-	MAXIM	MAX3223ECAP	U9	1		SSOP20
22	MAX5820_MSSOP8	-	MAXIM	MAX5820MEUA+	U1	1		MSSOP8
23	MTG_HOLE_P_MTG_HOLE2200P50	-	-	MTG_HOLE_P	H1-H4	4	TRUE	MTG_HOLE2200P5000
24	PCA9538_TSSOP16	-	NXP	PCA9538PW	U5	1		TSSOP16
25	QTE_20_MODULE_QTE_020_A_SD	-	SAMTEC	ASP-132124-01	J1	1		QTE_020_A_SD
26	RES0402	1K	VISHAY/DALE	CRCW04021K00JK	R1-R3,R5,R46	5		R0402
27	RES0402	10K	PANASONIC	ERJ-2RKF1002X	R4,R10,R12,R16,R29,	7	TRUE	R0402
					R37,R40			
28	RES0402	10K	PANASONIC	ERJ-2RKF1002X	R8,R9,R11,R13,R15,	16		R0402
					R17-R21,R30-R32,R38			
					R39,R41			
29	RES0402	14.0K	VISHAY/DALE	CRCW040214K0FK	R14	1	TRUE	R0402
30	RES0402	100	VISHAY/DALE	CRCW0402100RFKTD	R6,R7,R22,R56,R57	5		R0402
31	RES0402	59K	VISHAY/DALE	CRCW040259K0FK	R23-R28,R47	7		R0402
32	RES0402	240	VISHAY/DALE	CRCW0402240RFKTD	R33-R35	3		R0402
33	RES0402	68	VISHAY/DALE	CRCW040268R0JNED	R36	1		R0402
34	RES0402	1K	VISHAY/DALE	CRCW04021K00JK	R42-R45	4	TRUE	R0402
35	TC3216	15 UF	KEMET	TCA1A156M8R	C10,C31	2		TC3216
36	TPS791XX_SOT23_5	3.3V	TI	TPS79133DBV	U11	1		SOT23_5
37	TP_028P040_TP_028P040	-	-	-	TP6-TP50	45	TRUE	TP_028P040
38	TP_20_TP_20	-	-	-	TP1-TP5	5	TRUE	TP_20
39	USB_A_SM_54366_0478	-	Molex	54366-0478	J2	1		54366_0478
TOTAL						164		