



Title		
Size	Number	Revision
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Date	2016/9/27	Sheet of
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# Component list

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Source Data From:

Project:

Variant:

?????.PrjPcb

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None



Report Date:

2016/9/27

10:40:04

Print Date:

27-Sep-16

10:40:14 AM

#	Designator	LibRef	um n Name Error:Manufac	Description	Footprint	#Column Name Error:Library Name	Comment	Quantity
1	*1	IC 2*2			PC817		IC 2*2	1
2	1, 2, 3	CON3		Connector	HDR1*3		CON3	3
3	AM1, AM2, AM3	AMS1117			SOT223		AMS1117	3
4	BM1, BM2	Header 3X2		Header, 3-Pin, Dual row	HDR2*3		#fA&C*x0	2
5	C1, C4, C5, C6, C11, C12, C13, C14, C15, C16, C17, C20, C23, C24, C25, C26, C27, C28, C29, C30, C31, C32, C33, C34, C35, C36, C37, CA1, CA2	Cap Sem_1		Capacitor (Semiconductor SIM Model)	0603		Cap Sem	29
6	C2, C3	Cap		Capacitor	0603		Cap	2
7	C7, C8	ELECTRO2		Electrolytic Capacitor	CAPMP7344X43N		220uF	2
8	C9	Cap--0805		µCŸC+	0805		105	1
9	C10	Cap--0805		µCŸC+	0805		475	1
10	C18, C19, C21, C22	Cap Pol1		Polarized Capacitor (Radial)	C1206		1uF	4
11	CA3, CA4, CIN2	ELECTRO2		Electrolytic Capacitor	C1206		10uF	3
12	CAMER1	CAMER			HDR2*10-10*25		CAMER	1
13	CCD1	CON5		Connector	HDR1*5		CON5	1
14	CON1	ELECTRO2		Electrolytic Capacitor	470uf-column		470uF	1
15	CO1, CO2, CO3	ELECTRO2		Electrolytic Capacitor	C1206		22uF	3
16	CON1	Header 2		Header, 2-Pin	Battery		Pow erlin	1
17	D1, D7, D8, D9, D10, D11, D12, D14, D15, D16, D17, D18, D19	Diode 11DQ03		Schottky Rectifier	SS14		1N5819	13
18	D2	LED0		Typical INFRARED GaAs LED	0805		LED0	1
19	D3, D13	D Schottky		Schottky Diode	SS14		1N5819	2
20	D4	D Schottky		Schottky Diode	LL41		Z M4728	1
21	D5	D Schottky		Schottky Diode	LL41		ZM4728	1
22	D6	LED		LED	0805		LED	1
23	ENG1, ENG2	Header 2		Dynamo			Pow erlin	2
24	expand1, ZIGBEE1	CON4		Connector	HDR1*4		CON4	2
25	F1	FUSE			1206		500mA	1
26	IC1	B0512S-1W			B0512S		B0515S	1
27	IC2	MC34063			SO-8		MC34063	1
28	IC3	74lvc245		8b/5-0x\$3.3-0µC~x\$µx»»DTC~	74HC245D		74hc245	1
29	IR1, IR2, IR3, IR4	IR2104S		HALF-BRIDGE DRIVER	SO-8		IR2104S	4
30	JTAG1	HEADER 5X2			HDR2*5		HEADER 5X2	1
31	Key_1, Key_2, Key_3, Key_4, RST1	LAz\$QaR			KEY-2		LAz\$QaR	5
32	L1	Inductor		Inductor	INDUCTOR 12*12*7		Inductor	1
33	L2, L3, L4, L5	Inductor		Inductor	0805		Inductor	4
34	ManD1	HDR1*4			HDR1*4		HDR1*4	1
35	MIC_SD1	CON9		Connector	TF-2		CON9	1
36	MUSW1	MF_SW			MUL_SW		MF_SW	1
37	NRF1	HEADER 4X2			HDR2*4		HEADER 4X2	1
38	OLED1	HDR1*7			HDR1*7		HDR1*7	1
39	Q1, Q2, Q3, Q8	ONPN		NPN Bipolar Transistor	SOT95F280X125-3N		NPN	4
40	Q4, Q5, Q6, Q7, Q9, Q10, Q11, Q12	MOSFET-N		N-Channel MOSFET	LR7843		MOSFET-N	8
41	R1, R3, R4, R5, R6, R8, R9	Res2		Resistor	0603		Res2	7
42	R2	Res		µC×C	0805		332	1
43	R7	Res		µC×C	0805		10k	1
44	R10	f=AŸµCŸC+			HDR1*3		50k	1
45	R11	Res		µC×C	0805		1k	1
46	R12, R13, R17, R18, R22, R23, R26, R27	Res1		Resistor	0603		Res1	8
47	R14	Res		µC×C	0603		1M	1
48	R15, R16, R19, R20, R24, R25, R29, R30	Res1		Resistor	0805		Res1	8
49	R21	Res		µC×C	0603		10k	1
50	R28, R31, R38, R40	Res3		Resistor	0805		Res3	4
51	R32, R33, R34, R35, R36, R37	Res		µC×C	0603		47k	6
52	R39	Res		µC×C	0805		103	1
53	STEER1	Header_Server		Header_Server	HDR1X3		Header_Server	1
54	SW_ENG1, SW_STE1	SWITCH_B			ss12		SWITCH_B	2
55	TMB1	Bell		Electrical Bell	DIP_buzzer		Bell	1
56	U1	74ALS161			SOIC-16		74LS160	1
57	U2	MK60DN512ZVLQ10		K60	MK60DN512ZVLQ10		MK60DN512ZVLQ10	1
58	X1	CRYSTAL_1			XT 32768		32.768kHz	1
59	Y1	50MHZ/3.3v			ODOT\$ŸŸ15*3.2		50MHZ/3.3v	1

Approved

Notes

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