



Component list

<Parameter Title not found>

Source Data From:	?????.PrjPcb		
Project:	?????.PrjPcb		
Variant:	None		



	Report Date: 2016/9/27 10:37:11 Think it, Design it, Build it™								
Print Date: 27-Sep-16 10			10:37:22 AM	10:37:22 AM					
#	Designator	LibRef	umn Name Error:Manufac	Description	Footprint	#Column Name Error:Library Name	Comment	Quantity	
- 1	*1	IC 2*2			PC817		IC 2*2	1	
	1, 2, 3	CON3		Connector	HDR1*3		CON3	3	
3	AM1, AM2, AM3	AMS1117			SOT223		AMS1117	3	
	BM1, BM2	Header 3X2		Header, 3-Pin, Dual row	HDR2*3		±ŕÂĕĆ÷×ó	2	
5	C1, C4, C5, C6, C11, C12, C13, C14,	Cap Semi_1		Capacitor (Semiconductor SIM Model)	0603		Cap Semi	29	
	C15, C16, C17, C20, C23, C24, C25,								
	C26, C27, C28, C29, C30, C31, C32,								
- 6	C33, C34, C35, C36, C37, CA1, CA2 C2, C3	Сар		Capacitor	0603		Cap	2	
	C7, C8	ELECTRO2		Electrolytic Capacitor	CAPMP7344X43N		220uF	2	
	C9	Cap0805		μçČÝĆ÷	0805		105	1	
	C10	Cap0805		ucČÝĆ÷	0805		475	1	
	C18, C19, C21, C22	Cap Pol1		Polarized Capacitor (Radial)	C1206		1uF	4	
	CA3, CA4, CIN2	ELECTRO2		Electrolytic Capacitor	C1206		10uF	3	
	CAMER1	CAMER		2000 Oly to Capacitor	HDR2*10-10*25		CAMER	1	
	CCD1	CON5		Connector	HDR1*5		CON5	1	
	CIN1	ELECTRO2		Bectrolytic Capacitor	470uf-column		470uF	1	
	CO1, CO2, CO3	ELECTRO2		Electrolytic Capacitor	C1206		22uF	3	
	CON1	Header 2		Header, 2-Pin	Battery		Pow erin	1	
	D1, D7, D8, D9, D10, D11, D12, D14,	Diode 11DQ03		Schottky Rectifier	SS14		1N5819	13	
	D15, D16, D17, D18, D19							10	
18	D2	LED0		Typical INFRARED GaAs LED	0805		LED0	1	
19	D3, D13	D Schottky		Schottky Diode	SS14		IN5819	2	
20	D4	D Schottky		Schottky Diode	LL41		Z M4728	1	
21	D5	D Schottky		Schottky Diode	LL41		ZM4728	1	
22	D6	LED		· ˇąâ¶ţĽ«ąÜ	0805		LED	1	
23	ENG1, ENG2	Header 2		Header, 2-Pin	Dynamo		Pow erln	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		8λ5·üת3.3·üµçĆ″ת»»ĐľĆ¬	74HC245D		74hc245	1	
29	IR1, IR2, IR3, IR4	IR2104S		HALF-BRIDGE DRIVER	SO-8		IR2104S	4	
	JTAG1	HEADER 5X2			HDR2*5		HEADER 5X2	1	
31	Key_1, Key_2, Key_3, Key_4, RST1	°′ĹĄżŞąŘ			KEY-2		°′ĹĄżŞąŘ	5	
	L1	Inductor		Inductor	INDUCTOR 12*12*7		Inductor	1	
	L2, L3, L4, L5	Inductor		Inductor	0805		Inductor	4	
	ManD1	HDR1*4			HDR1*4		HDR1*4	1	
	MIC_SD1	CON9		Connector	TF-2		ON9	1	
	MUSW1	MF_SW			MUL_SW		MF_SW	1	
37		HEADER 4X2			HDR2*4		HEADER 4X2	1	
	OLED1	HDR1*7			HDR1*7		HDR1*7	1	
39		QNPN		NPN Bipolar Transistor	SOT95P280X125-3N		NPN	4	
	Q4, Q5, Q6, Q7, Q9, Q10, Q11, Q12	MOSFET-N		N-Channel MOSFET	LR7843		MOSFET-N	8	
41		Res2		Resistor	0603		Res2	7	
	R2	Res		hč×ç	0805		332	1	
43		Res		µç×č	0805		10k	1	
	R10	ľ«ĂܵçĨ»Ć÷			HDR1*3		50k	1	
	R11	Res		µç×č	0805		1k	1	
	R12, R13, R17, R18, R22, R23, R26, R27			Resistor	0603		Res1	8	
47		Res		hč×ç	0603		1M	1	
	R15, R16, R19, R20, R24, R25, R29, R30			Resistor	0805		Res1	8	
	R21	Res		μç×č	0603		10k	1	
50	77 7 7 7 7 7 7 7	Res3		Resistor	0805		Res3	4	
51	R32, R33, R34, R35, R36, R37	Res		hč×ç	0603		47k	6	
52		Res		μç×č	0805		103	1	
	STEER1	Header_Server		Header_Server	HDR1X3		Header_Server	1	
54		SWITCH_B			ss12		SWITCH_B	2	
	TMB1	Bell		Electrical Bell	DIP_buzzer		Bell	1	
	U1	74ALS161			SOIC-16		74LS160	1	
57		MK60DN512ZVLQ10		K60	MK60DN512ZVLQ10		MK60DN512ZVLQ10	1	
	X1	CRYSTAL_1			XT 32768		32.768kHz	1	
	Y1 .	50MHZ\3.3v			ÓĐÔ'I'§Öń5*3.2		50MHZ\3.3v	1	
Appr	ovea		Notes					165	